

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Bingham #3-4B1					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT BLUEBELL					
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR DEVON ENERGY PROD CO LP						7. OPERATOR PHONE 405 228-4248					
8. ADDRESS OF OPERATOR P.O. Box 290, Neola, UT, 84053						9. OPERATOR E-MAIL patti.riechers@dvn.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE <input type="checkbox"/>			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Preston J. and Janet Mitchell						14. SURFACE OWNER PHONE (if box 12 = 'fee') 4358233458					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') RR1 Box 6040, Roosevelt, UT 84066						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP		RANGE	MERIDIAN		
LOCATION AT SURFACE		1252 FSL 1147 FEL		SESE		2.0 S		1.0 W	U		
Top of Uppermost Producing Zone		1252 FSL 1147 FEL		SESE	4	2.0 S		1.0 W	U		
At Total Depth		1252 FSL 1147 FEL		SESE	4	2.0 S		1.0 W	U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 147			23. NUMBER OF ACRES IN DRILLING UNIT 640					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Approved For Drilling or Completed) 2000			26. PROPOSED DEPTH MD: 13500 TVD: 13500					
27. ELEVATION - GROUND LEVEL 5207			28. BOND NUMBER 71S100753026-70			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Roosevelt City Municipal Water					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
Surf	17.5	13.375	0 - 1350	61.0	J-55 ST&C	9.0	Class G	650	1.17	15.8	
							Class G	650	1.17	15.8	
							Class G	0	0.0	0.0	
I1	12.25	9.625	0 - 2700	40.0	N-80 LT&C	11.5	Class G	250	3.99	11.0	
							Class G	130	1.61	14.2	
I2	8.75	7	0 - 9850	29.0	P-110 Other	10.5	Class G	400	3.99	11.0	
							Class G	150	2.3	12.5	
L1	6.125	5	9500 - 13500	18.0	P-110 ST-L	14.5	Class G	170	1.92	14.1	
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Jenni Sudduth			TITLE Regulatory Compliance Prof.			PHONE 4055523446					
SIGNATURE			DATE 06/06/2012			EMAIL jenni.sudduth@dvn.com					
API NUMBER ASSIGNED 43013514640000			APPROVAL Permit Manager								

RECEIVED: September 18, 2012

Devon Energy Production Co., LP

Bingham # 3-4B1
SE SE Sec 4 T2S R1W
Duchesne County, UT
1252' FSL; 1147' FEL
GL 5207'; KB 5229' (est)
Fee Lease

DRILLING PLAN

This will be a vertical well drilled into the Wasatch formation.
 All shows of fresh water and minerals will be adequately protected and reported.

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS & ANTICIPATED WATER, OIL, GAS, OR MINERAL FORMATIONS

<u>Formation</u>	<u>Depth TVD</u>	<u>Depth TMD</u>	<u>Hydrocarbon/Water</u>
Disposal/Artesian	1,950'	1,950'	Water Flow
Upper Green River	5102'	5102'	
Lower Green River	8764'	8764'	Oil/Gas
Wasatch	9905'	9905'	Oil/Gas
Proposed TD	13500'	13500'	

*THE MITCHELL 2-4B1 RECORDED A WATER FLOW AT 1,967' AND RECORDED THAT IT TOOK A 11.0 PPG EMW TO KILL THE WATER FLOW. DEVON PLANS ON SETTING SURFACE CASING AT 1,350' TO PROTECT THE FRESH WATER AND THEN SET AN INTERMEDIATE STRING AT 2,700' TO PUT THE WATER FLOW "BEHIND PIPE".

2. PRESSURE CONTROL EQUIPMENT:

All well control equipment for 3M or 5M, and 10M systems shall be in accordance with state of Utah regulatory agencies and the equivalent of the BLM onshore oil & gas order (43 CFR 3160 Vol 53, No. 223).

The minimum specifications for pressure control equipment that will be provided are included on the attached schematic diagram showing size, pressure ratings, testing procedures, and testing frequency.

- **From surface to 1,350':**
Rotating head with diverter system or cellar pump.
- **From 1,350' to 2,700':**
Minimum of 3K psi system with capability of shutting in well and diverting through manifold.
- **From 2,700' to 9,850':**
10K psi system (per onshore order referenced above) with an annular preventer, 2 pipe rams, and 1 blind ram
- **From 9,850' to 13,500':**
10K psi system (per onshore order referenced above) with an annular preventer, 2 pipe rams, and 1 blind ram.

The manifold includes appropriate valves and adjustable chokes. The kill line will have one check valve. Ram type preventers will be pressure tested to full working pressure when a test plug is used and if a test plug is not used to 70% of the minimum internal

yield pressure of the casing. The testing frequency will be as follows:

- Initial installation
- Whenever any seal subject to test pressure is broken
- Following related repairs
- At 21 day intervals

The annular preventer will be pressure tested to 50 percent of the rated working pressure. All pressure tests shall be maintained at least ten minutes or until provisions of test are met, whichever is longer.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip.

A BOPE pit level drill will be conducted weekly for each drilling crew.

All tests and drills will be recorded in the drilling log.

The accumulator will have sufficient capacity to open the HCR valve, close all rams plus the annular preventer, and retain 200 psi above pre-charge pressure without the use of closing unit pumps. The system will have two independent power sources to close the preventers in accordance with 5M & 10M system requirements.

Remote controls shall be readily accessible to the driller. Master controls will be at the accumulator.

3. CASING & CEMENTING PROGRAM:

A. The proposed casing program will be as follows:

<u>Hole Size</u>	<u>Size</u>	<u>Grade</u>	<u>Thread</u>	<u>Weight</u>	<u>Setting Depth</u>
17 1/2"	13 3/8	J-55	STC	61.0	1,350'
12 1/4"	9 5/8"	N-80	LTC	40.0	2,700'
8 3/4"	7"	HCP 110	BTC	29.0	9,850'
6 1/8"	5" flush	P-110	STL	18.0	9,550' to 13,500'

B. The proposed cementing program is as follows:

13 3/8" – Single stage cemented to surface:

Single fluid: Class G, 15.8#, Yield-1.17, 650 sacks w/ additives to surface. A top job will be done if cement does not circulate to surface.

9 5/8" - Single stage cemented to surface:

Lead: Class G, 11.0#, Yield-3.99, 250 sacks w/ additives, top at surface

Tail: Class G, 14.2#, Yield-1.61, 130 sacks w/ additives, top at 1,700'

7" - Single stage cemented to surface:

Lead: Class G, 11.0#, Yield-3.99, 400 sacks w/ additives, top at surface

Tail: Class G, 12.5#, Yield-2.3, 150 sacks w/ additives, top at 7,000'

5" – Single stage cemented on top of liner hanger:

Single Fluid: Class G, 14.1#, Yield-1.92, 170 sacks w/ additives, top at 9,500'

*Will circulate cement off of liner top and confirm cement volume seen at surface

****Specific additives, percentages, composition to be determined once reservoir/formation conditions are further identified and confirmed during drilling operations****

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi, whichever is greater, but not to exceed 70% minimum internal yield.

The bottom three joints of the surface casing will have one centralizer per joint and one centralizer every third joint thereafter up to designed total.

Remedial Cementing will be performed on surface if the cement does not reach surface.

The bottom three joints of the intermediate casing will have one centralizer per joint and then one centralizer every third joint thereafter up to designed total.

The 5" liner will have a 300' lap and be fully cemented bringing cement on top of the liner hanger. The cement will be reversed out and a negative test will be performed prior to the drilling rig releasing.

All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

4. DRILLING FLUIDS PROGRAM:

<u>Interval</u>	<u>Type</u>	<u>Mud Weights</u>
Surface	Water Based System	8.5 – 9.0
Intermediate I	Water Based System	11.0 - 11.5
Intermediate II	Water Based System	9.5 – 10.5
Production	Water Based System	11.0 – 14.5

Sufficient quantities of mud material/inventory will be maintained on site or be readily accessible for the purpose of assuring well control. SPR will be recorded on daily drilling report after mudding up. Visual mud monitoring will be conducted during operations. Higher mud weights may be required for specific well control matters as well as running logs/casing.

5. EVALUATION PROGRAM:

Logs: Array Induction-GR-SP-Cal: TD to surface casing
Density Neutron-GR-PE-Cal log: TD to surface casing Matrix Density: 2.65g/cc
Sonic Log: TD to surface casing

Samples: 30' samples surface casing to TD. Dry cut to Devon geologist

Cores: None anticipated.

DST's: None anticipated.

6. ABNORMAL CONDITIONS:

Overpressured conditions @ TD may be encountered with a maximum **bottom hole pressure** of approximately 10,200 psi.

Maximum anticipated **surface pressure** for intermediate hole (TD at 9,850 w/ 11.0 ppg EMW) is estimated to be approximately 3,500 psi (Will have 5Kpsi system in place).

Maximum anticipated **surface pressure** for production hole (TD at 13,500 w/ 14.5 ppg EMW) is estimated to be approximately 7,250 psi (Will have 10K system in place).

Estimated surface pressure's calculated evacuating hole to .22 psi/ft equivalent

7. OTHER INFORMATION:

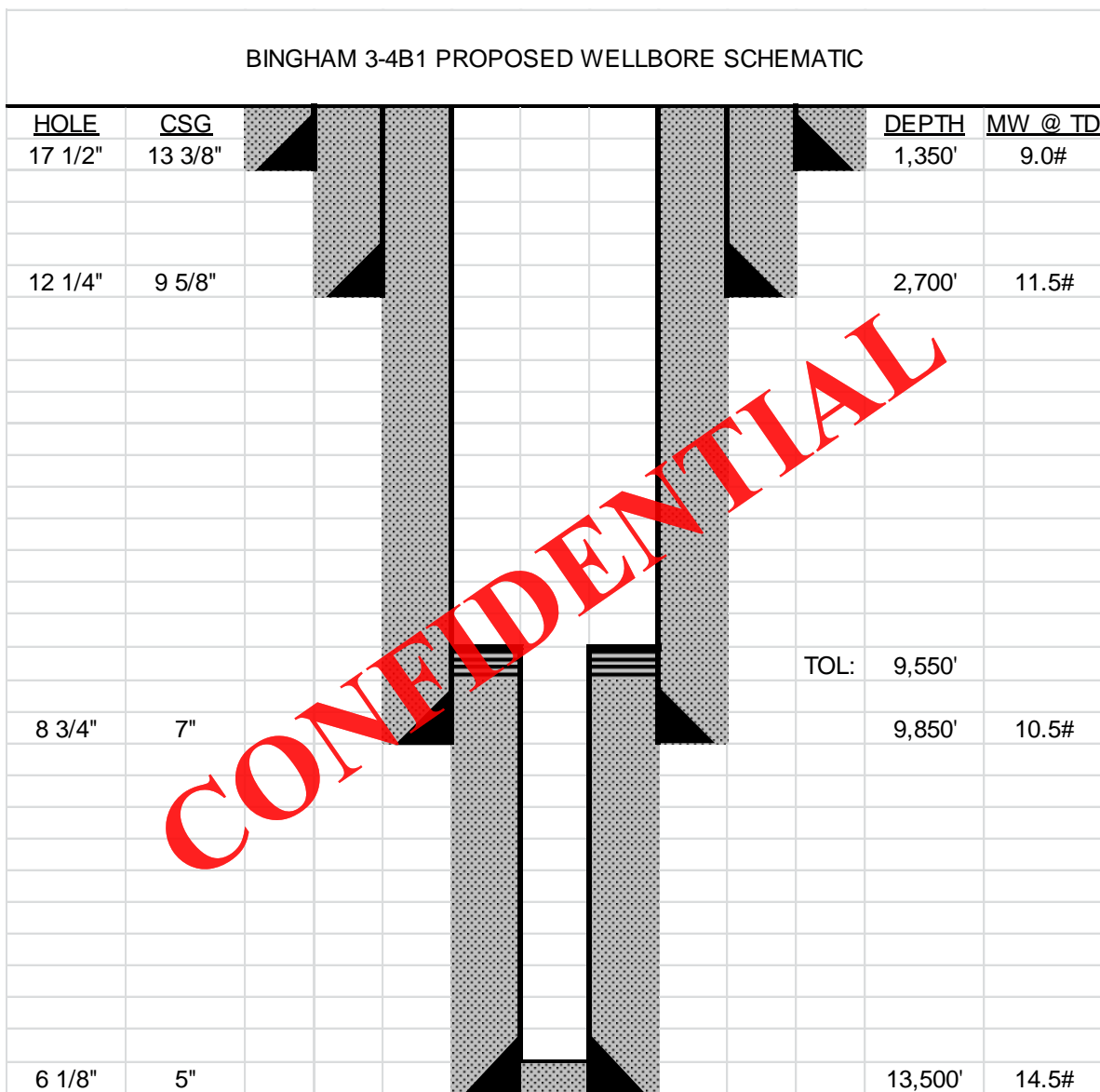
If the well is completed as a dry hole or as a producer, well completion or recompletion report and log(s) will be submitted within 30 days after completion of the well or after completion of operations being performed. Copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, daily drilling reports, daily completion reports, and all other surveys or data obtained and compiled during the drilling, completion, and/or workover operations, will be submitted to designated authority/agency.

8. Additional Request

Operator requests Confidential Status for this well.

CONFIDENTIAL

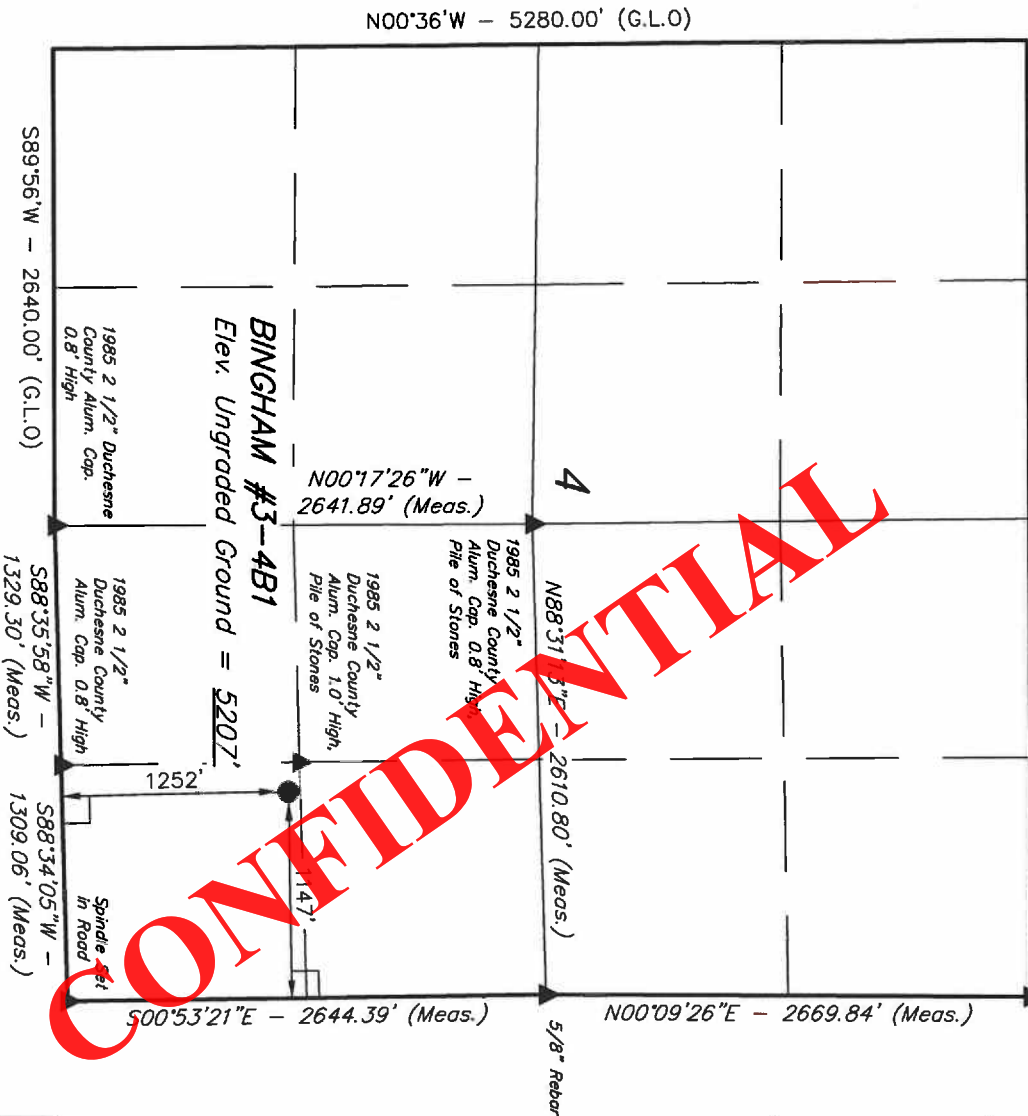
Proposed Wellbore Schematic:



T2S, R1W, U.S.B.&M.

WEST - 5280.00' (G.L.O)

2003 2 1/2"
Duchesne County
Alum. Cap. Flush
W/Ground, Fence Post



DEVON ENERGY PRODUCTION COMPANY, LP

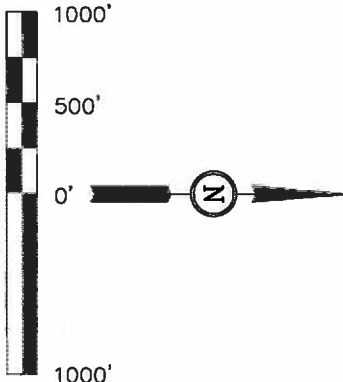
Well location, BINGHAM #3-4B1, located as shown in the SE 1/4 SE 1/4 of Section 4, T2S, R1W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 11, T2S, R1W, U.S.B.&M. TAKEN FROM THE ROOSEVELT QUADRANGLE, UTAH 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5076 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
STATE OF UTAH
03-21-12

UNTAH ENGINEERING & LAND SURVEYING
86 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND:

- 90° SYMBOL
- PROPOSED WELL HEAD.
- SECTION CORNERS LOCATED.

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°20'04.37" (40.334547)	
LONGITUDE = 109°59'43.91" (109.996086)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°20'04.48" (40.334578)	
LONGITUDE = 109°59'43.62" (109.995450)	

SCALE		DATE SURVEYED:	DATE DRAWN:
1" = 1000'		03-21-12	03-23-12
PARTY	C.R. S.R. Z.L.	REFERENCES	
WEATHER	WARM	G.L.O. PLAT	
FILE		DEVON ENERGY PRODUCTION COMPANY, LP	

DEVON ENERGY PRODUCTION COMPANY LP
BINGHAM #3-4B1
LOCATED IN DUCHENSE COUNTY, UTAH
SECTION 4, T2S, R1W, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



UELS

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

03 28 12
MONTH DAY YEAR

PHOTO

TAKEN BY: C.R.

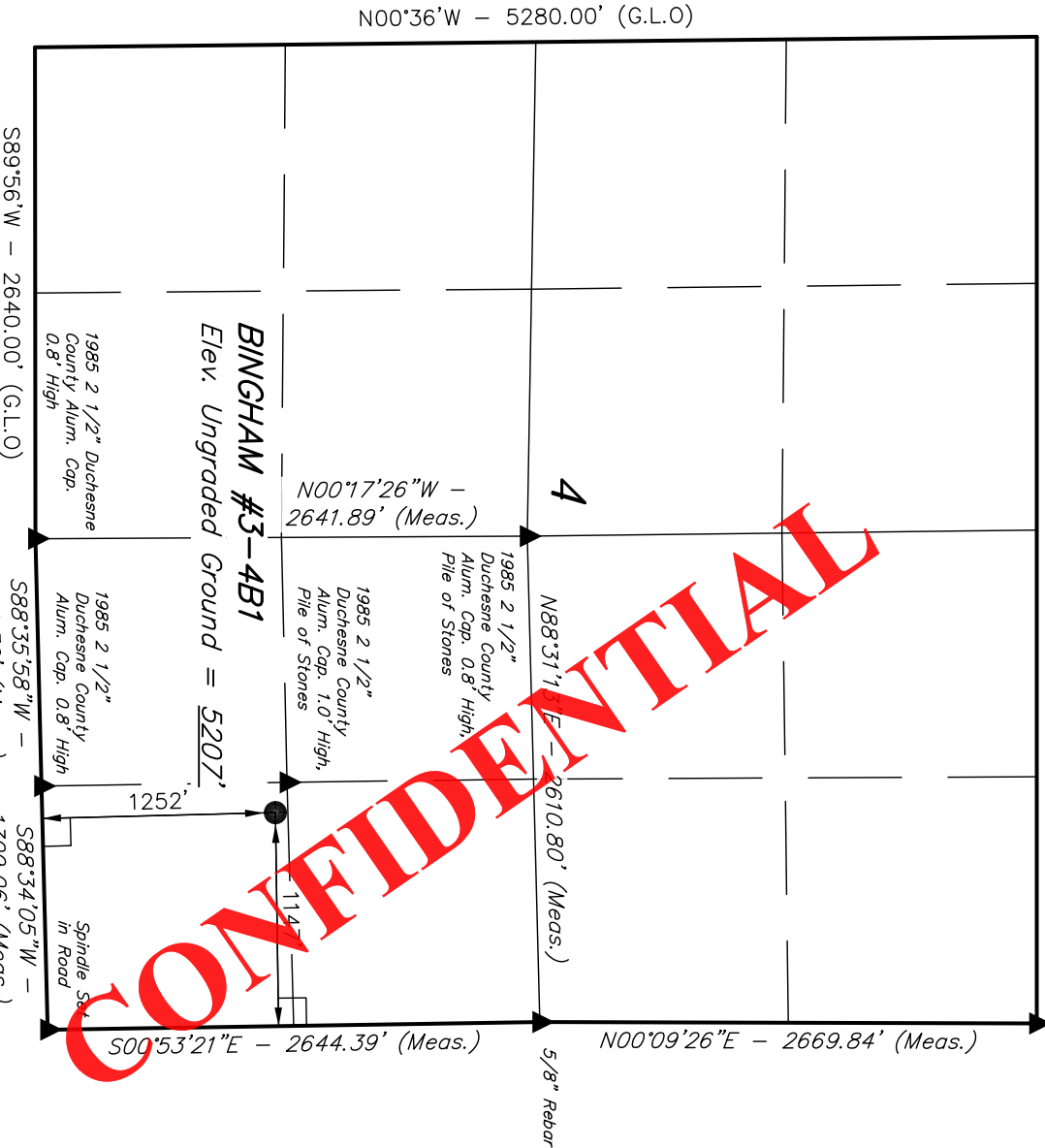
DRAWN BY: A.T.

REVISED: 00-00-00

T2S, R1W, U.S.B.&M.

WEST - 5280.00' (G.L.O)

2003 2 1/2"
Duchesne County
Alum. Cap. Flush
W/Ground, Fence Post



CONFIDENTIAL

DEVON ENERGY PRODUCTION COMPANY, LP

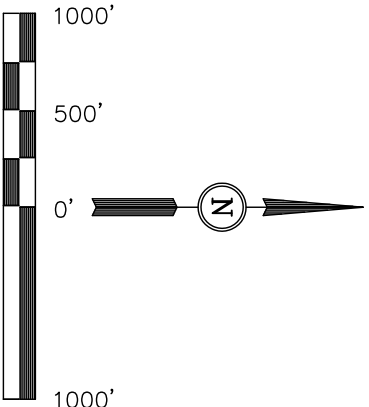
Well location, BINGHAM #3-4B1, located as shown in the SE 1/4 SE 1/4 of Section 4, T2S, R1W, U.S.B.&M., Duchesne County, Utah.

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BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE POINT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

KAY ROBERTS
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH
03-29-12

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	03-21-12	03-23-12

PARTY	REFERENCES
C.R. S.R. Z.L.	G.L.O. PLAT
WEATHER	FILE
WARM	DEVON ENERGY PRODUCTION COMPANY, LP

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°20'04.37" (40.334547)
LONGITUDE = 109°59'45.91" (109.996086)
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°20'04.48" (40.334578)
LONGITUDE = 109°59'43.62" (109.995450)

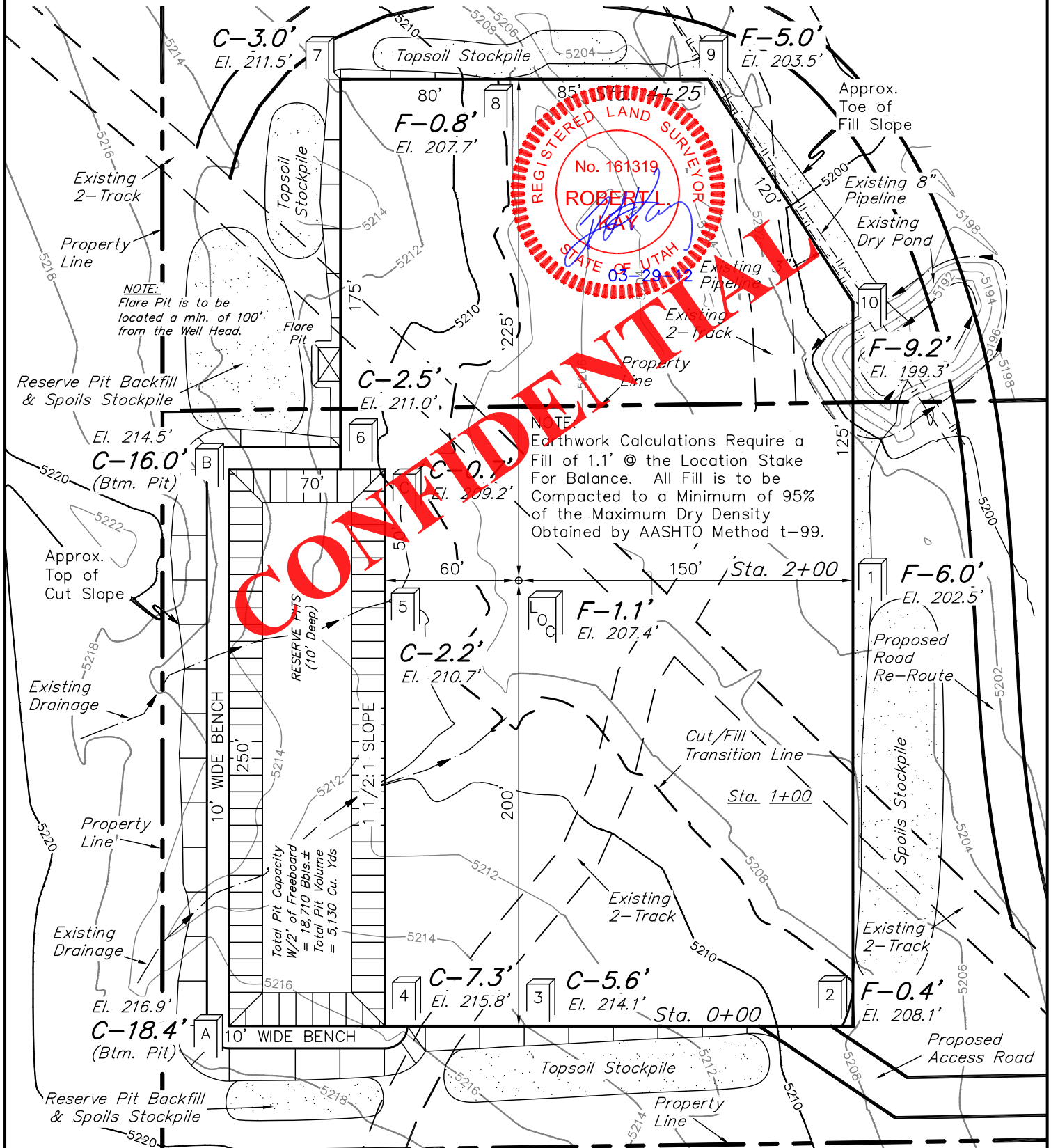
DEVON ENERGY PRODUCTION COMPANY, LP

LOCATION LAYOUT FOR

BINGHAM #3-4B1
SECTION 4, T2S, R1W, U.S.B&M.
1252' FSL 1147' FEL

FIGURE #1

SCALE: 1" = 60'
DATE: 03-23-12
DRAWN BY: Z.L.



Elev. Ungraded Ground At Loc. Stake = 5207.4'
FINISHED GRADE ELEV. AT LOC. STAKE = 5208.5'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: June 06, 2012

DEVON ENERGY PRODUCTION COMPANY, LP

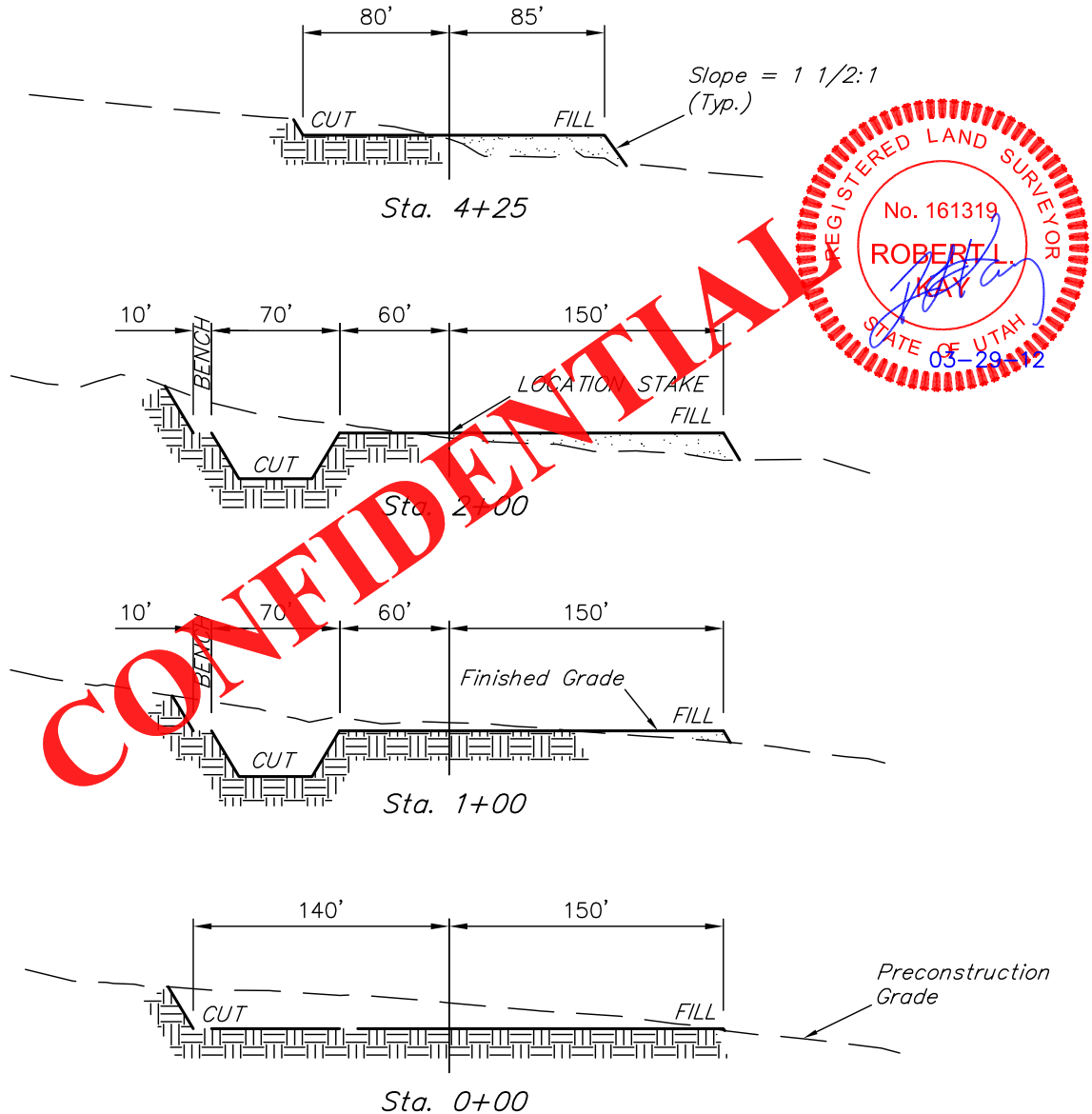
FIGURE #2

X-Section
Scale
1" = 40'
1" = 100'

TYPICAL CROSS SECTIONS FOR

BINGHAM #3-4B1
SECTION 4, T2S, R1W, U.S.B&M.
1252' FSL 1147' FEL

DATE: 03-23-12
DRAWN BY: Z.L.



NOTE:

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.718 ACRES
ACCESS ROAD DISTURBANCE = ± 0.651 ACRES
ROAD RE-ROUTE DISTURBANCE = ± 0.361 ACRES
PIPELINE DISTURBANCE = ± 0.148 ACRES
TOTAL = ± 4.878 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,290 Cu. Yds.
Remaining Location = 11,830 Cu. Yds.
TOTAL CUT = 14,120 CU. YDS.
FILL = 8,280 CU. YDS.

EXCESS MATERIAL = 5,840 Cu. Yds.
Topsoil & Pit Backfill = 4,855 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 985 Cu. Yds.
(After Interim Rehabilitation)

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RECEIVED: June 06, 2012

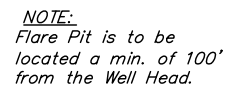
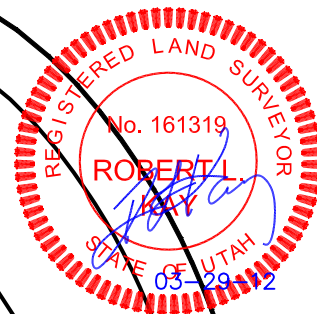
DEVON ENERGY PRODUCTION COMPANY, LP

TYPICAL RIG LAYOUT FOR

BINGHAM #3-4B1
SECTION 4, T2S, R1W, U.S.B&M.
1252' FSL 1147' FEL

FIGURE #3

SCALE: 1" = 60'
DATE: 03-23-12
DRAWN BY: Z.L.



to be
min. of 100'
Well Head.

175'

Flare Pit

Existing 2-Track

225'

Existing 2-Track

PIPE RACKS

DOG HOUSE

150'

60'

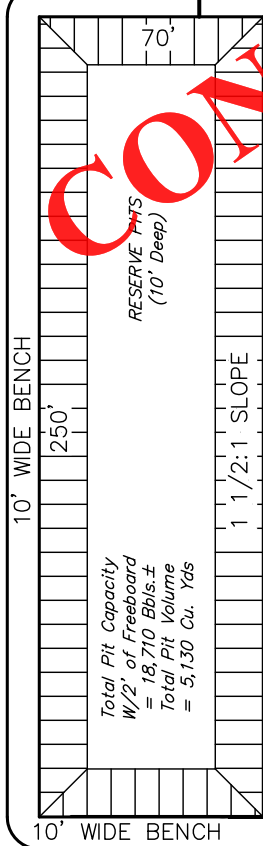
RIG

TER

5'

70'

CONFIDENTIAL



10' WIDE BENCH

W/2' of Freeboard
= 18,710 Bbls. ±

Total Pit Volume
= 5,130 Cu. Yds

10' WIDE BENCH

80'

85

CATWALK 225'

Existing
2-Track

~~Existing
2-Track~~

PIPE RACKS

DOG

RIC

WATE

PUMI

MUD SHED

5

POWER

TOOLS

FUEL

1

/

TRASH

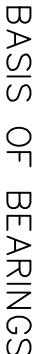
STORAGE
TANK

Proposed
Road
Re-RouteProposed
Access Road

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: June 06, 2012

LOCATED IN
SECTIONS 4, T2S, R1W,
U.S.B.&M., DUCHESENE COUNTY, UTAH



<i>RIGHT-OF-WAY LENGTHS</i>			
PROPERTY OWNER	FEET	ACRES	RODS
JANEICE L. BINGHAM TRUSTEE	214.51	0.148	13.00

CERTIFICATE

AT WAS PAID FROM
BY ME UNDER MY
F. NO. 161319
CORRECT TO
SURVEYOR
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH
ATTY. GENERAL

UTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE	DATE
1" = 300'	03-23-12
PARTY	REFERENCES
C.R. S.R. Z.L.	G.L.O. PLAT
WEATHER	FILE
WARM	5 1 8 1 0

2003 2 1/2"
Duchesne County
Alum. Cap. Flush
W/Ground, Fence Post

1/4 Section Line

1985 2 1/2"
Duchesne County
Alum. Cap. 0.8' High,
Pile of Stones

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°24'52"E	24.99'
L2	S89°24'52"E	214.51'

BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 4, T2S, R1W, U.S.B.&M. WHICH BEARS S52°15.5'7"E 428.94' FROM THE NORTHWEST CORNER OF THE SE 1/4 SE 1/4 OF SAID SECTION 4, THENCE S89°24.5'2"E 214.51' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 WHICH BEARS S64°27'02"E 613.75' FROM THE NORTHWEST CORNER OF THE SE 1/4 SE 1/4 OF SAID SECTION 4, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.148 ACRES MORE OR LESS.

 $SE_{1/4}$ $SW\ 1/4$

1/16 Section Line

1985 2 1/2"
Duchesne County
Alum. Cap. 1.0' High,
Pile of Stones

9
ck

SURFACE USE AREA
- BINGHAM #3-4B1

JANEICE L
BINGHAM
TRUSTEE

END OF PROPOSED
PIPELINE RIGHT-OF-WAY
STA. 2+14.51
(At Existing 8" Pipeline)

BEGINNING OF PIPELINE STA. 0+00 BEARS S52°15'57"E 428.94
FROM THE NORTHWEST CORNER OF THE SE 1/4 SE 1/4 OF
SECTION 4, T2S, R1W, U.S.B.&M.

BEGINNING OF PIPELINE STA. 2+14.51 BEARS S64°27'02"E 613.75
FROM THE NORTHWEST CORNER OF THE SE 1/4 SE 1/4 OF
SECTION 4, T2S, R1W, U.S.B.&M.

Section Line

S89°56'W - 2640.00' (G.L.O)

588°35'58"W - 1329.30' (Meas.)

1985 2 1/2" Duchesne
County Alum. Cap.

1985 2 1/2"

Duchesne County
Alum. Cap. 0.8' High

$588^{\circ}34'05''W - 1309.06'$ (Meas.)

Spindle Seat
in Road

$500^{\circ}53'21''E - 2644.39'$ (Meas.)

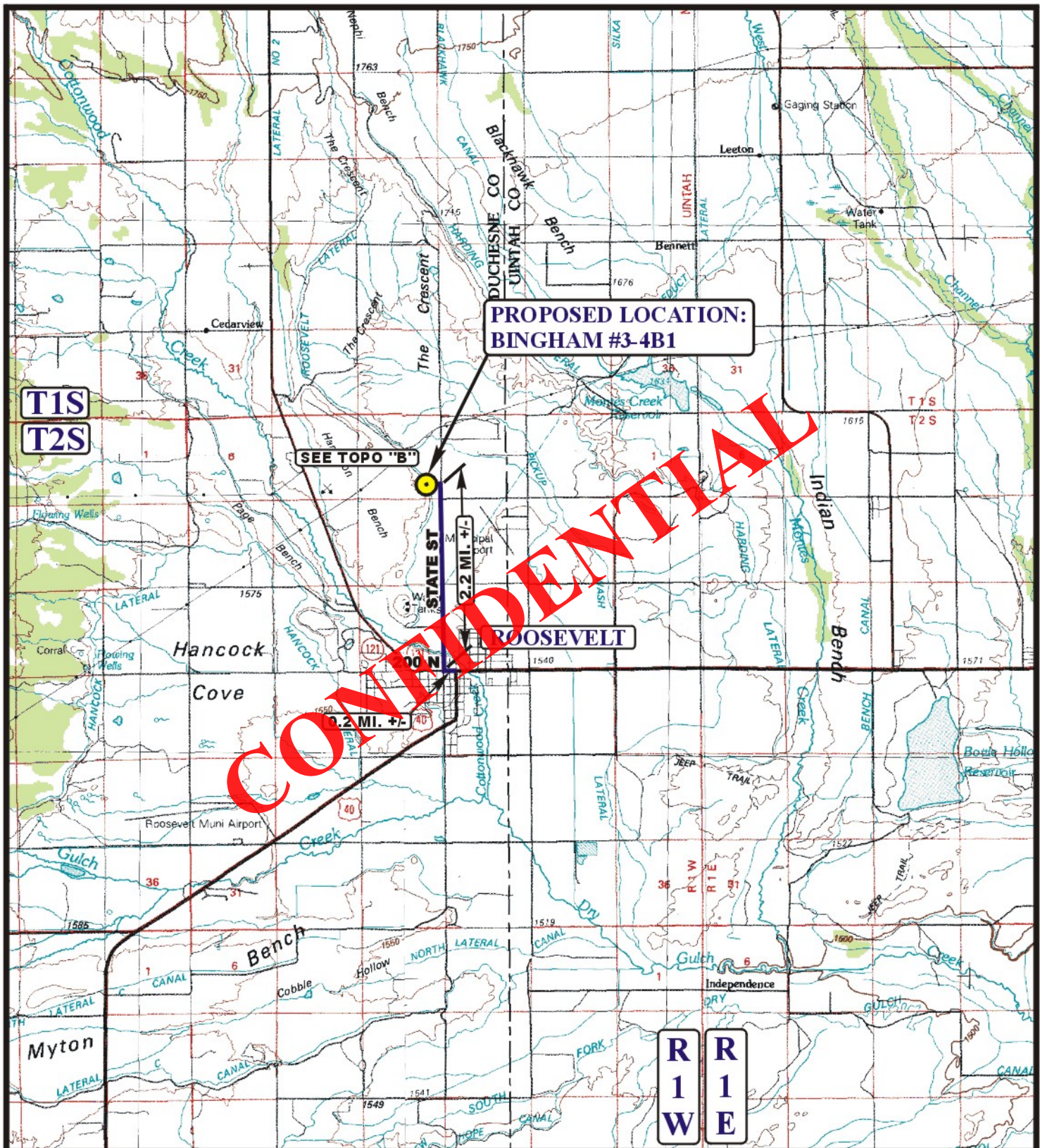
*N00°09'26"E -
2669.84' (Meas.*

DEVON ENERGY PRODUCTION COMPANY LP
BINGHAM #3-4B1
SECTION 4, T2S, R1W, U.S.B.&M.
DUCHESE COUNTY, UTAH

PROCEED IN AN WESTERLY DIRECTION FROM ROOSEVELT, UTAH ALONG 200 NORTH APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND STATE STREET TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 2.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 1,005' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 2.6 MILES.

CONFIDENTIAL



LEGEND:

● PROPOSED LOCATION

DEVON ENERGY PRODUCTION COMPANY LP

BINGHAM #3-4B1

SECTION 4, T2S, R1W, U.S.B.&M.

1252' FSL 1147' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



**ACCESS ROAD
MAP**

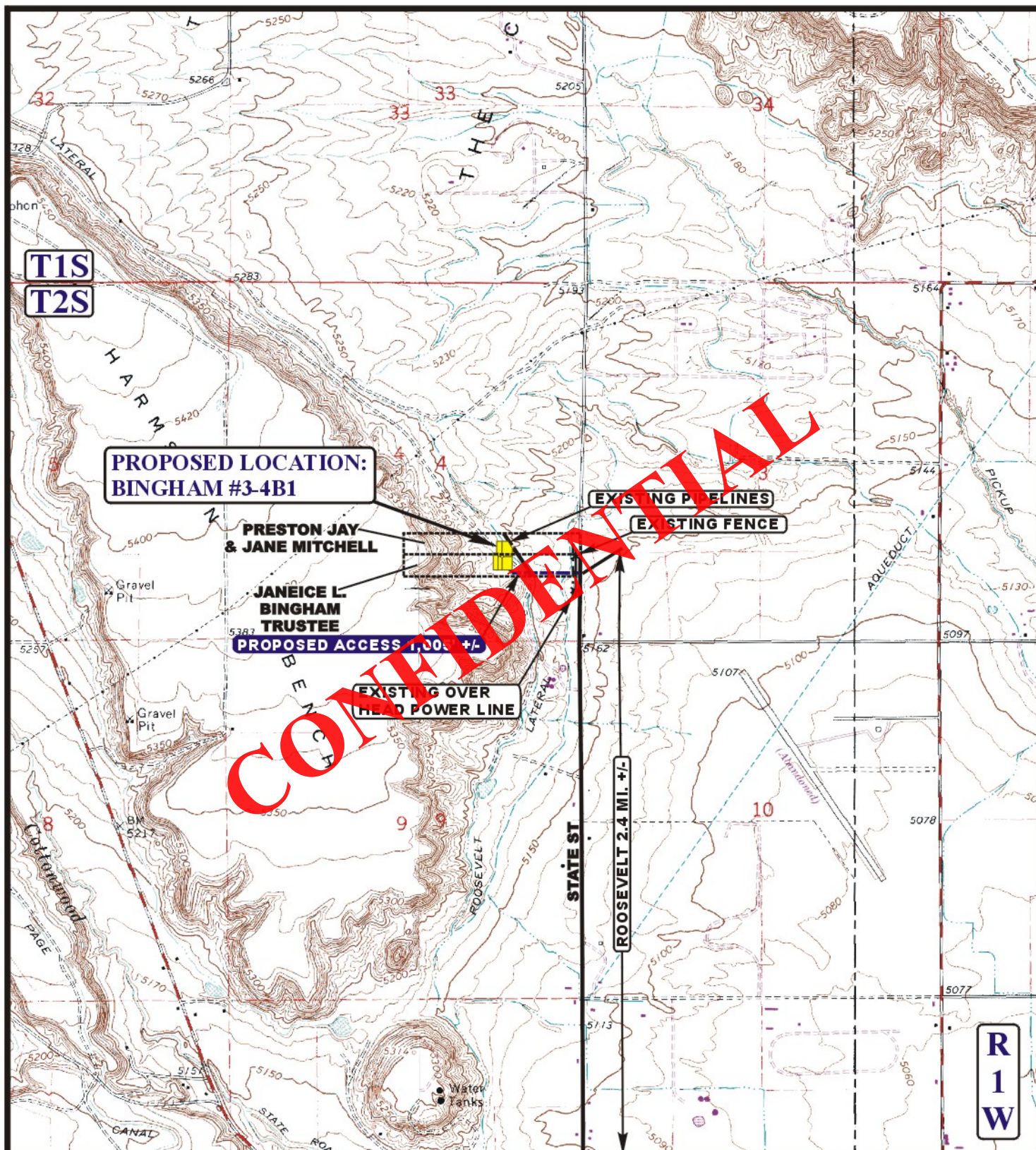
03 28 12
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: A.T.

REVISED: 00-00-00

**A
TOPO**



LEGEND:

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD
- - - EXISTING PIPELINE
- - - EXISTING OVERHEAD PIPELINE
- * * * * * EXISTING FENCE



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 85 South 200 East Vernal, Utah 84078
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DEVON ENERGY PRODUCTION COMPANY LP

BINGHAM #3-4B1
SECTION 4, T2S, R1W, U.S.B.&M.
1252' FSL 1147' FEL

ACCESS ROAD
MAP

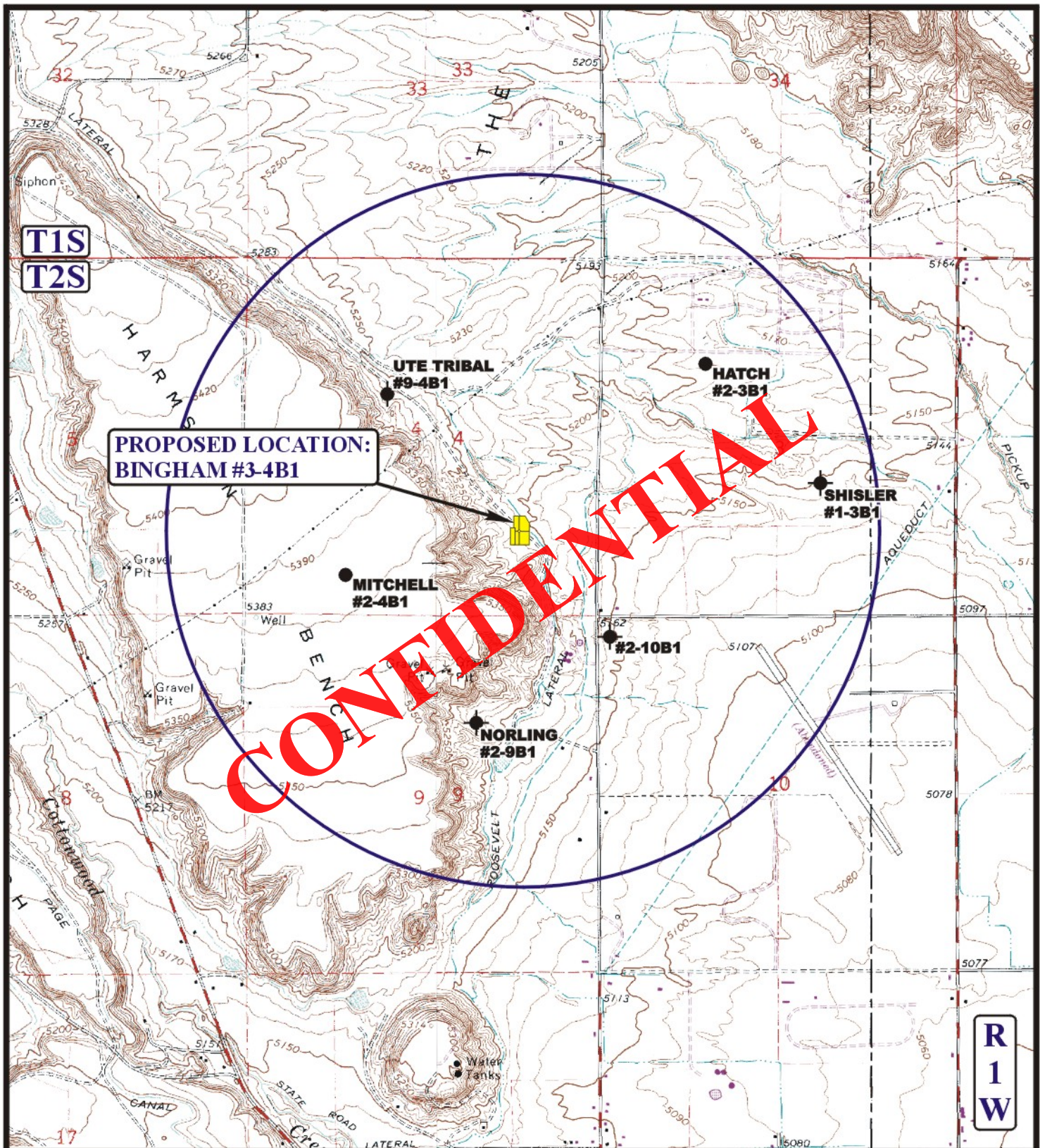
03 28 12
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: A.T.

REVISED: 04-02-12

B
TOPO



LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



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DEVON ENERGY PRODUCTION COMPANY LP

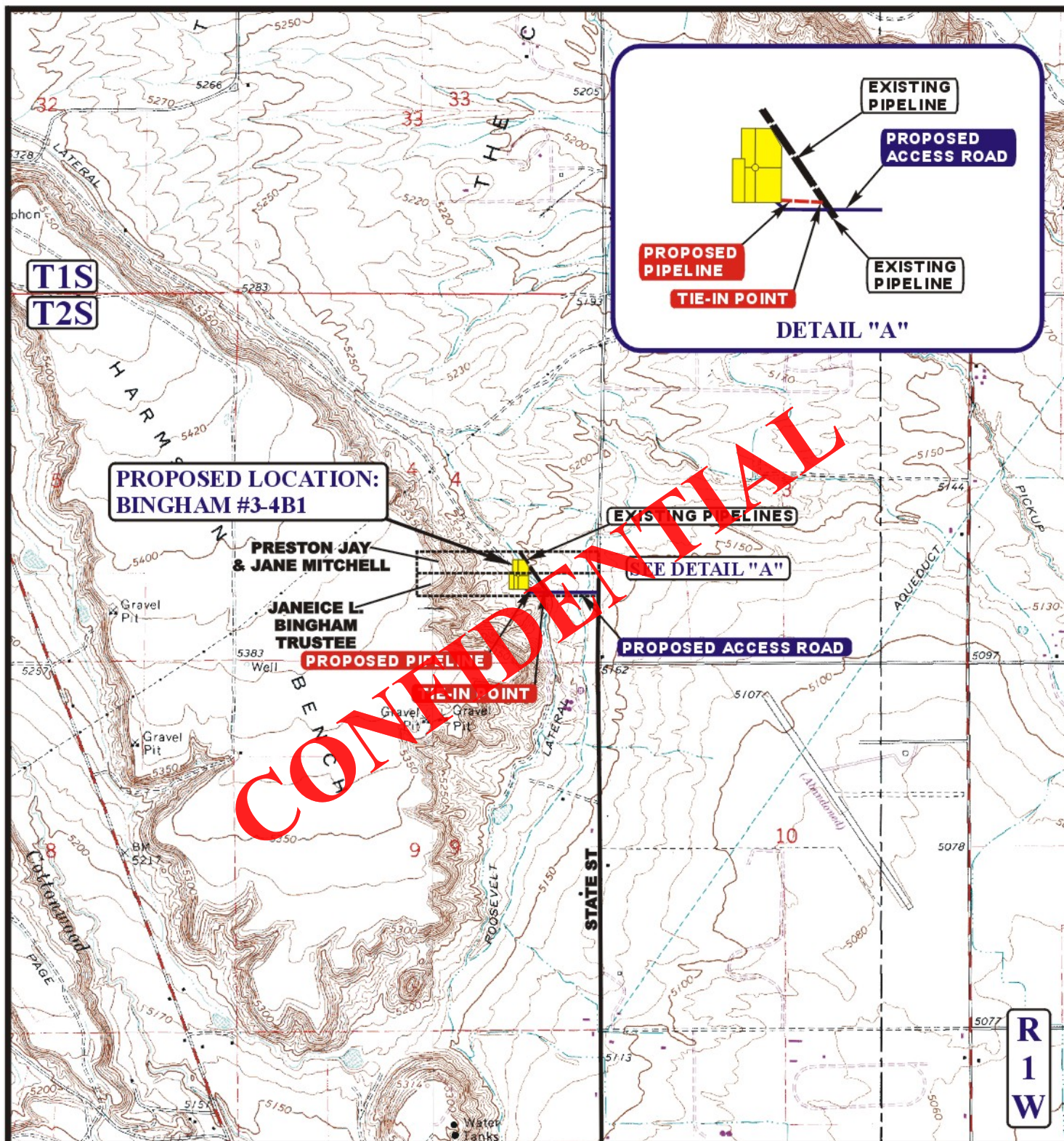
BINGHAM #3-4B1
SECTION 4, T2S, R1W, U.S.B.&M.
1252' FSL 1147' FEL

TOPOGRAPHIC
MAP

03 28 12
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: A.T. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 240' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



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 85 South 200 East Vernal, Utah 84078
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DEVON ENERGY PRODUCTION COMPANY LP

BINGHAM #3-4B1
SECTION 4, T2S, R1W, U.S.B.&M.
1252' FSL 1147' FEL

TOPOGRAPHIC
MAP

03 28 12
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: A.T.

REVISED: 04-02-12

D
TOPO

**AFFIDAVIT OF SURFACE DAMAGE
AND RIGHT-OF-WAY
SETTLEMENT AGREEMENT
FOR WELLSITE, ROAD AND PIPELINE
DEVON ENERGY PRODUCTION COMPANY, LP., OPERATOR
BINGHAM 3-4B1
Duchesne County, Utah**

STATE OF UTAH:

COUNTY OF DUCHESNE:

WHEREAS, the undersigned, Janet Wooldridge, (affiant), whose mailing address is Devon Energy Production Company, L.P., 333 West Sheridan Avenue, Oklahoma City, OK 73102, does hereby state the following facts:

That Devon Energy Production Company, L.P. entered into A Surface Damage and Right-of-Way Settlement Agreement dated April 19, 2012, for the drilling of the Bingham 3-4B1 well on surface lands owned jointly by Preston J. Mitchell and Janet Mitchell, husband and wife as joint tenants, RR 1 Box 6040, Roosevelt, UT 84066.

Also, that Devon Energy Production Company, L.P. entered into A Surface Damage and Right-of-Way Settlement Agreement dated April 19, 2012, for the drilling of the Bingham 3-4B1 well on surface lands owned by Janeice L. Bingham, P.O. Box 1395, Littlefield, AZ 86432.

Lands covered by these Agreements include Section 4, Township 2 South, Range 1 West, USM, of Duchesne County, Utah.

NOW THEREFORE, the undersigned affiant, Janet Wooldridge, of lawful age, states the above facts are true and correct to the best of her knowledge.

Signed this 4th day of June, 2012.



Janet Wooldridge, CPL
Land Advisor
Devon Energy Production Company, L.P.
333 West Sheridan Avenue
Oklahoma City, Oklahoma 73102

STATE OF Oklahoma:

COUNTY OF Oklahoma:

On the 4th day of June, 2012, personally appeared before me Janet Wooldridge, who, being by me duly sworn, did state she is a Land Advisor for Devon Energy Production Company, L.P. and that said instrument was signed on behalf of said corporation.

My Commission Expires:

1/26/2015




Notary Public

SURFACE USE PLAN
Devon Energy Production Company, L.P.
Bingham #3-4B1
Section 4, T2S, R1W, U.S.B.&M
Duchesne County, Utah

1. Existing roads:

- A. The proposed well site is staked and the surveyor's plat is attached.
- B. Driving directions to location from Roosevelt, Utah: Proceed in an westerly direction from Roosevelt, Utah along 200 north approximately 0.2 miles to the junction of this road and State Street to the north; turn right and proceed in a northerly direction approximately 2.2 miles to the beginning of the proposed access to the west; follow road flags in a westerly direction approximately 1,005' to the proposed location.
- C. Access road and existing roads (Surface Topo map) – refer to map.

***2. Planned access roads and Construction:**

- A. An access road approximately 1,005' long will be built going in a westerly direction on to the location from the existing north/south State street road. Gravel and road base will be purchased from a commercial source.

3. Location of existing wells:

- A. Location of all wells within one mile – shown as keyed on the map

API Number	Operator	Well Name	Well Type	Well Status
4301331147	Devon Energy Prod Co. LP	March 2-3B1	Oil well	active
4301331317	Devon Energy Prod Co. LP	Mitchell 2-4B1	Oil well	active
4301331151	Devon Energy Prod Co. LP	Norling 2-9B1	Oil well	active
4301330367	Devon Energy Prod Co. LP	2-10B1	Wtr Disposal	P&A
4301330194	El Paso E&P Co. L.P.	Ute Tribal 9-4B1	Oil Well	Shut-in
4301330249	El Paso E&P Co. L.P.	Shisler 1-3B1	Oil well	P&A

4. Location of Existing and/or Proposed Facilities:

- A. All production equipment will be set on the existing drilling pad.
- B. Water disposal line is planned to follow the access road. ROW for the gas sales and power lines will be the responsibility of the companies providing the service.
- C. Disturbed areas no longer needed for operations will be graded back to near original state as possible and seeded.

5. Location and type of water supply:

- A. Roosevelt City Municipal Water.
- B. Should additional water sources be pursued they would be properly permitted through the State of Utah – Division of Water Rights.
- C. No new water well is proposed with this application.

6. Source of construction materials:

- A. No external construction materials required. All roads and well site construction will utilize dirt in place.

7. Methods of handling waste material:

- A. Drill cuttings will be settled out in the reserve pit. The pit will be lined with a 12-mil nylon reinforced plastic liner.
- B. The liquids in the pit will be hauled off to a state-approved disposal facility.
- C. Fluids produced during production testing will be caught and stored in steel tanks. The fluids will be disposed of in a proper manner
- D. Sewage facilities, storage and disposal will be furnished by a commercial contractor.
- E. Trash will be contained in trash baskets then hauled to an approved disposal dump. No trash will be burned on location.
- F. Gas will be flared in the flare pit.

8. Ancillary facilities:

- A. None.

SURFACE USE PLAN
Devon Energy Production Company, L.P.
Bingham #3-4B1
Section 4, T2S, R1W, U.S.B.&M
Duchesne County, Utah

9. Well site layout:

- A. See attached cut and fill sheet for details.
- B. The flare pit will be in the west side of the location, at least 100' from the well head.
- C. The topsoil will be stockpiled on the north and south side of the location.

10. Plans for restoration of surface:

- A. All surface area not required for production operations will be graded to as near original condition as possible and contoured to minimize erosion.
- B. The flare pit will be backfilled immediately after drilling operations are complete.
- C. The liquid in the reserve pit will be hauled out in a timely manner and the reserve pit backfilled. If there will be a delay, the reserve pit will be fenced.

***11. Surface Ownership:**

- A. The surface is owned by Preston J. Mitchell and Janet Mitchell as joint tenants and Janeice L. Bingham.

12. Other information:

- A. Location is situated on grassland area.

13. Operators representative:

Field representative to contacts regarding compliance with the Application to Drill and the Surface Use Plan are as follows:

Devon Energy Production Company, L.P.

Tom Jantz

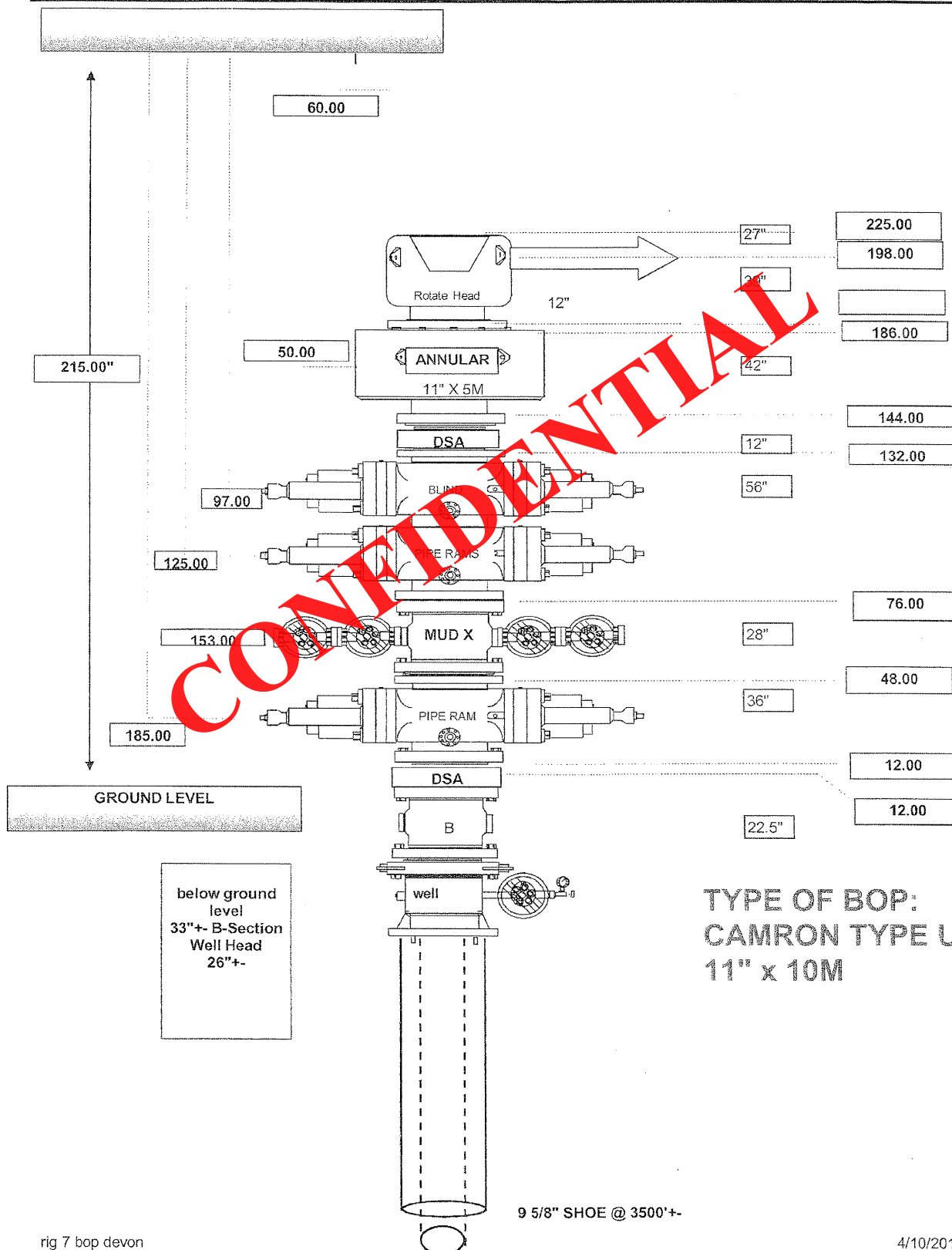
Operations Engineering Advisor
20 North Broadway
Oklahoma City, OK 73102
Office: 405-552-7825
Cell: 405-323-4619
E-mail: tom.jantz@devn.com

Devon Energy Production Company, L.P.

George Gurr

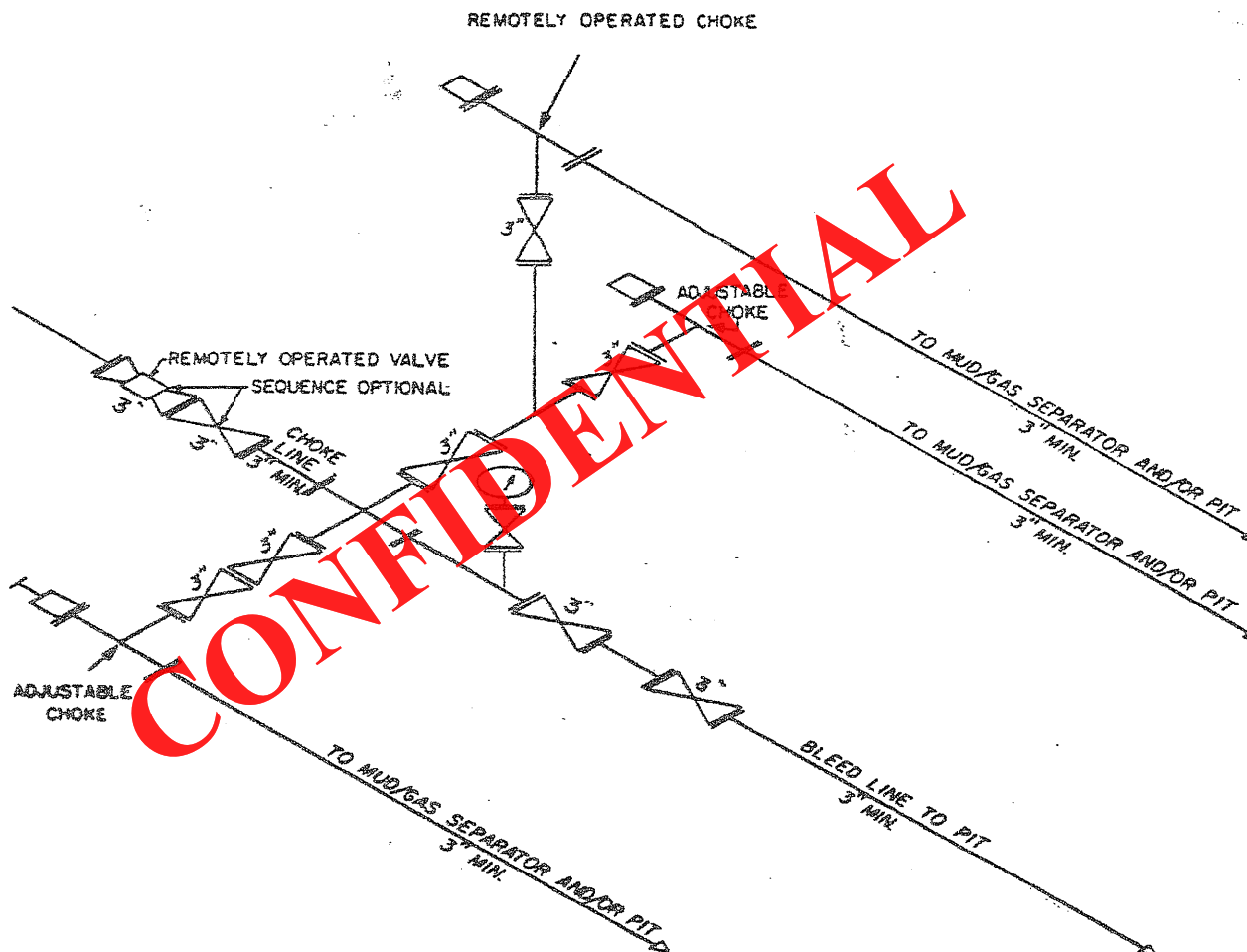
Production Foreman-Neola Production Area
P. O. Box 290
Neola, UT
Office 435-353-5784
Cell: 435-610-0802
E-mail: george.gurr@devn.com

DEVON ENERGY	DRILLING PHASE <i>8C 8 3/4" 9 5/8" HOLE SECTION</i> BOP Stack Diagram	DATE: <i>6/3/12</i> Rig: Frontier Drilling Rig # 7
--------------	--	---



rig 7 bop devon

4/10/2012



① ② 10M AND 15M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES
MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolded the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2M, 3M, 10M, or 15M drawings, it would also be applicable to those situations.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

DEVON ENERGY PRODUCTION COMPANY, LP

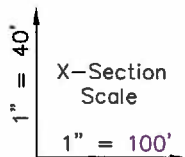
FIGURE #2

TYPICAL CROSS SECTIONS FOR

BINGHAM #3-4B1

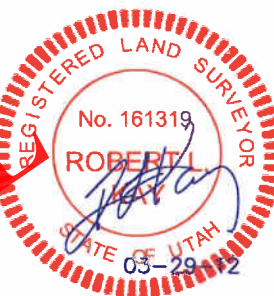
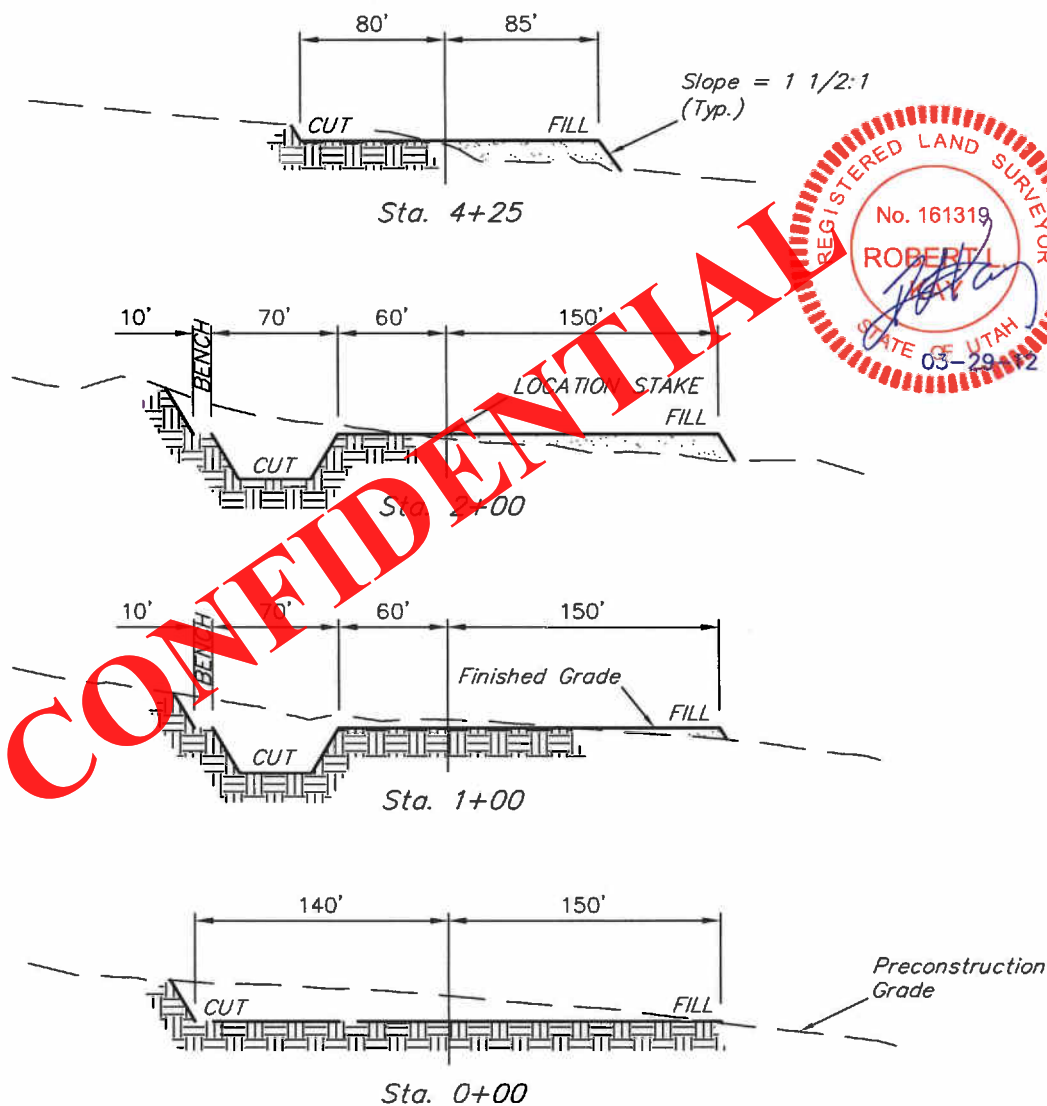
SECTION 4, T2S, R1W, U.S.B&M.

1252' FSL 1147' FEL



DATE: 03-23-12

DRAWN BY: Z.L.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.718 ACRES
 ACCESS ROAD DISTURBANCE = ± 0.651 ACRES
 ROAD RE-ROUTE DISTURBANCE = ± 0.361 ACRES
 PIPELINE DISTURBANCE = ± 0.148 ACRES
 TOTAL = ± 4.878 ACRES

* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

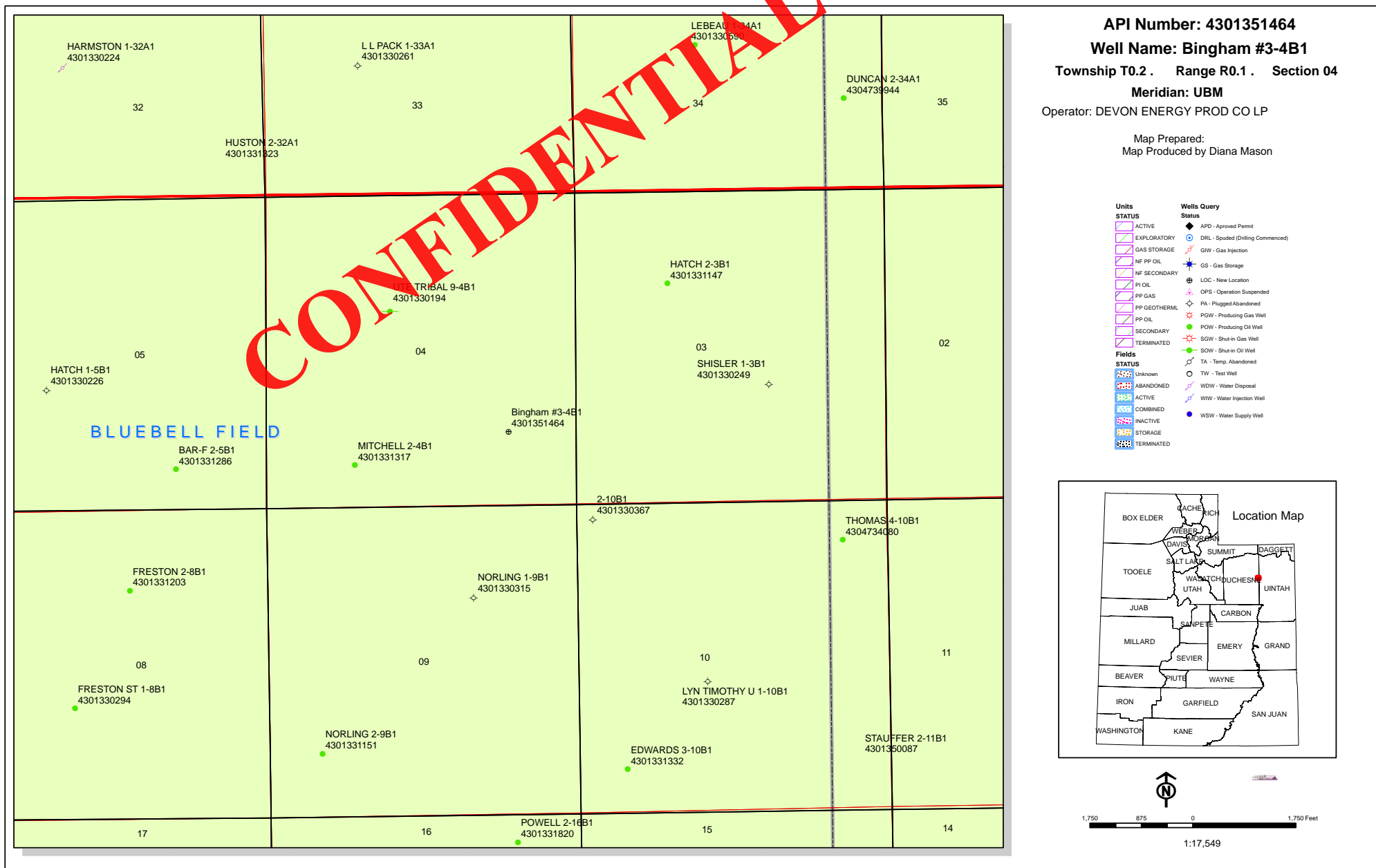
APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,290 Cu. Yds.
 Remaining Location = 11,830 Cu. Yds.
 TOTAL CUT = 14,120 CU. YDS.
 FILL = 8,280 CU. YDS.

EXCESS MATERIAL = 5,840 Cu. Yds.
 Topsoil & Pit Backfill = 4,855 Cu. Yds.
 (1/2 Pit Vol.)
 EXCESS UNBALANCE = 985 Cu. Yds.
 (After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



Well Name	DEVON ENERGY PROD CO LP Bingham #3-4B1 43013514640000			
String	SURF	I1	I2	L1
Casing Size(in)	13.375	9.625	7.000	5.000
Setting Depth (TVD)	1350	2700	9850	13500
Previous Shoe Setting Depth (TVD)	0	1350	2700	9850
Max Mud Weight (ppg)	9.0	11.5	10.5	14.5
BOPE Proposed (psi)	1000	3000	10000	10000
Casing Internal Yield (psi)	3090	5750	11220	13940
Operators Max Anticipated Pressure (psi)	7000			10.0

Calculations	SURF String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	632	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	470	YES <input type="checkbox"/> rotating head with diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	335	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	335	NO <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		1350	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

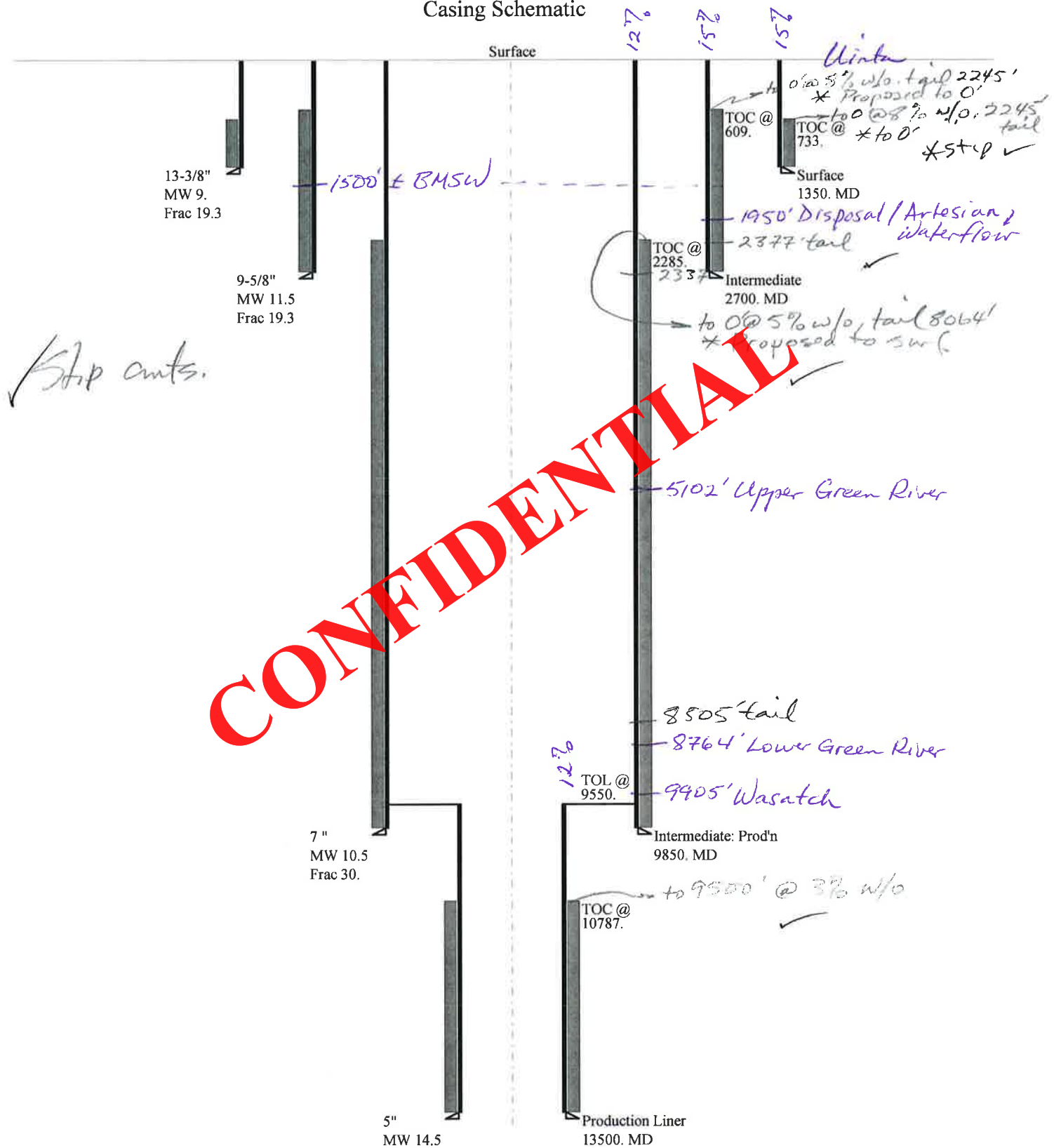
Calculations	I1 String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1675	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1291	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1021	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1318	YES <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		2700	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1350	psi *Assumes 1psi/ft frac gradient

Calculations	I2 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	5378	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4196	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3211	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3805	NO <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2700	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	5.000	"
Max BHP (psi)	.052*Setting Depth*MW=	10179	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	8559	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	7209	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	9376	YES <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		9758	psi
*Max Pressure Allowed @ Previous Casing Shoe=		9850	psi *Assumes 1psi/ft frac gradient

43013514640000 Bingham 3-4B1

Casing Schematic



Well name:	43013514640000 Bingham 3-4B1	
Operator:	DEVON ENERGY PROD CO LP	Project ID:
String type:	Surface	43-013-51464
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 93 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 733 ft

Burst

Max anticipated surface pressure: 1,188 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,350 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 1,169 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 2,700 ft
Next mud weight: 11.500 ppg
Next setting BHP: 1,613 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,350 ft
Injection pressure: 1,350 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1350	13.375	61.00	J-55	ST&C	1350	1350	12.39	17660
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	631	1540	2.440	1350	3090	2.29	82.3	595	7.23 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: September 12, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1350 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013514640000 Bingham 3-4B1		
Operator:	DEVON ENERGY PROD CO LP		
String type:	Intermediate	Project ID:	43-013-51464
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 11.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 112 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 609 ft

Burst

Max anticipated surface pressure: 2,106 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,700 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.80 (J)
Premium: 1.50 (J)
Body yield: 1.80 (B)

Tension is based on air weight.
Neutral point: 2,238 ft

Non directional string.**Re subsequent strings:**

Next setting depth: 9,850 ft
Next mud weight: 10.500 ppg
Next setting BHP: 5,373 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,700 ft
Injection pressure: 2,700 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2700	9.625	40.00	N-80	LT&C	2700	2700	8.75	34357
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1613	3090	1.916	2700	5750	2.13	108	737	6.82 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801-538-5357
FAX: 801-359-3940

Date: September 12, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2700 ft, a mud weight of 11.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43013514640000 Bingham 3-4B1	
Operator:	DEVON ENERGY PROD CO LP	
String type:	Intermediate: Prod'n	Project ID: 43-013-51464
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? Yes
Surface temperature: 74 °F
Bottom hole temperature: 212 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 2,285 ft

Burst

Max anticipated surface pressure: 7,199 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,366 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.80 (J)
Premium: 1.50 (J)
Body yield: 1.80 (B)

Tension is based on air weight.
Neutral point: 8,285 ft

Non directional string.**Production liner info:**

Liner setting depth: 13,500 ft
Pore pressure equivalent: 14,500 ppg
Assumed BHP at TD: 10,169 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9850	7	29.00	HCP-110	Buttress	9850	9850	6.059	119033
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5373	9200	1.712	9366	11220	1.20	285.6	929.4	3.25 B

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: September 12, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9850 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013514640000 Bingham 3-4B1	
Operator:	DEVON ENERGY PROD CO LP	
String type:	Production Liner	Project ID: 43-013-51464
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 14.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 263 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 10,787 ft

Burst

Max anticipated surface pressure: 7,199 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 10,169 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 12,639 ft

Liner top: 9,550 ft
Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3900	5	18.00	P-110	ST-L	13500	13500	4.151	33821
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	10169	13470	1.325	10169	13940	1.37	70.2	384	5.47 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801-538-5357
FAX: 801-359-3940

Date: August 23, 2012
Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 13500 ft, a mud weight of 14.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator DEVON ENERGY PROD CO LP
Well Name Bingham #3-4B1
API Number 43013514640000 **APD No** 6177 **Field/Unit** BLUEBELL
Location: 1/4,1/4 SESE **Sec 4 Tw** 2.0S **Rng** 1.0W 1252 FSL 1147 FEL
GPS Coord (UTM) 585271 4465372 **Surface Owner** Preston J. and Janet Mitchell

Participants

George Gurr (Devon), J Preston Mitchel (surface owner)

Regional/Local Setting & Topography

This proposed location sits at the east side toe of a band of clay foot hills. To the est the land flattens up and is used for some marginal agriculture and scattered housing. There is a abandoned irrigation canal directly to the est of the location. Roodley, Utah is 2 miles to the south.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.2	Width 230 Length 425	Onsite	DUCHR

Ancillary Facilities N

Waste Management Plan Adequate? N

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Sparse desert grasses, sage

Soil Type and Characteristics

clay loam soil

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? Y

Small drainage must be diverted

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations	10 to 30	10 to 30
Presence Nearby Utility Conduits	Unknown	10
Final Score		36 1 Sensitivity Level

Characteristics / Requirements

The reserve is to be 250ft by 70ft by 10 ft deep and will be in a cut stable location.

According to George Curran a 20 mil liner will be used. This appears adequate for this site.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Richard Powell
Evaluator

7/9/2012
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6177	43013514640000	LOCKED	OW	P	No
Operator	DEVON ENERGY PROD CO LP		Surface Owner-APD	Preston J. and Janet Mitchell	
Well Name	Bingham #3-4B1		Unit		
Field	BLUEBELL		Type of Work	DRILL	
Location	SESE 4 2S 1W U 1252 FSL 1147 FEL GPS Coord (UTM) 585277E 4465368N				

Geologic Statement of Basis

Devon proposes to set 2,500 feet of surface casing which will be cemented to surface. The surface hole will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 1,500 feet. A search of Division of Water Rights records indicates that there are approximately 60 water wells within a 10,000 foot radius of the center of Section 4. The nearest water well is approximately 1/4 mile from the proposed site and produces water from a depth of 125 feet. Listed uses are irrigation stock watering, domestic, industrial and municipal. Most of these wells produce water from the Uinta Formation and are in the range of 45 to 1,200 feet deep. Average depth is approximately 300 feet. Roosevelt City has a 1,200 foot municipal water well approximately 1 mile west of the proposed location. The surface casing should be set at approximately 1,500 feet to isolate the highly used fresh water interval.

Brad Hill
APD Evaluator

8/2/2012
Date / Time

Surface Statement of Basis

This well is on fee surface. Half of the well surface belongs to J Preston Mitchel and the other half of the location belongs to Janeice L Bingham. Mr. Mitchel was in attendance and stated that he is satisfied with the placement of the well but expressed concern that he not be flooded. Several attempts were made to contact Janeice Bingham by telephone and messages were left by Richard Powell of DOGM but the calls were not returned and Ms. Bingham was not in attendance. On August 6th, I was contacted by Janiece Bingham and at that time she stated that she had no concerns with the well placement and expressed that she was pleased with the payment she had received from Devon Energy.

There is a small drainage which must be diverted around the location and due to close proximity of houses and the request of Mr. Mitchel a berm will be needed around this well pad. I spoke to Duchesne County planner Mike Hyde to inform him of the proposed well and to check compliance with Duchesne County. Mr. Hyde stated that this location seemed to fit all Duchesne County rules. Covert green paint color will be used for all equipment according to George Gurr.

Richard Powell
Onsite Evaluator

7/9/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

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WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/6/2012

API NO. ASSIGNED: 43013514640000

WELL NAME: Bingham #3-4B1

OPERATOR: DEVON ENERGY PROD CO LP (N1275)

PHONE NUMBER: 4055523446

CONTACT: Jenni Sudduth

PROPOSED LOCATION: SESE 04 020S 010W

Permit Tech Review: ☒

SURFACE: 1252 FSL 1147 FEL

Engineering Review: ☒

BOTTOM: 1252 FSL 1147 FEL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.33450

LONGITUDE: -109.99607

UTM SURF EASTINGS: 585277.00

NORTHINGS: 4465368.00

FIELD NAME: BLUEBELL

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE - 71S100753025-70☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: Roosevelt City Municipal Water☐ RDCC Review:☒ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 139-84

Effective Date: 12/31/2008

Siting: 660' Fr Drl U Bdry & 1320' Fr Other Wells

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmadonald
25 - Surface Casing - hmadonald

RECEIVED: September 18, 2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Bingham #3-4B1
API Well Number: 43013514640000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 9/18/2012

Issued to:

DEVON ENERGY PROD CO LP , P.O. Box 290 , Neola, UT 84053

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 9 5/8" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to surface as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet

- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
 - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:



For John Rogers
Associate Director, Oil & Gas

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DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company; DEVON ENERGY PROD CO LP

Well Name: BINGHAM #3-4-4B1

Api No: 43-013-51464 Lease Type FEE

Section 04 Township 02S Range 01W County DUCHESNE

Drilling Contractor PROPETRO DRLG RIG # 8

SPUDDED:

Date 10/26/2012

Time

How DRY

Drilling will Commence:

Reported by GLEN YOKUM

Telephone # (970) 986-4412

Date 10/30/2012 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Devon Energy Production Co., L.P. Operator Account Number: N 1275
Address: P.O. Box 290
City Neola
state Utah zip 84053 Phone Number: (405) 228-8684

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-013-51464	Bingham #3-4B1	SESE	4	2S	1W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	9999	18825	9/26/2012	11/27/2012		
Comments: Conductor was set 9/26/2012. Scheduled to spud between 12/3/2012-12/7/2012, on Frontier 20 Rig. GR-WS						

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Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED

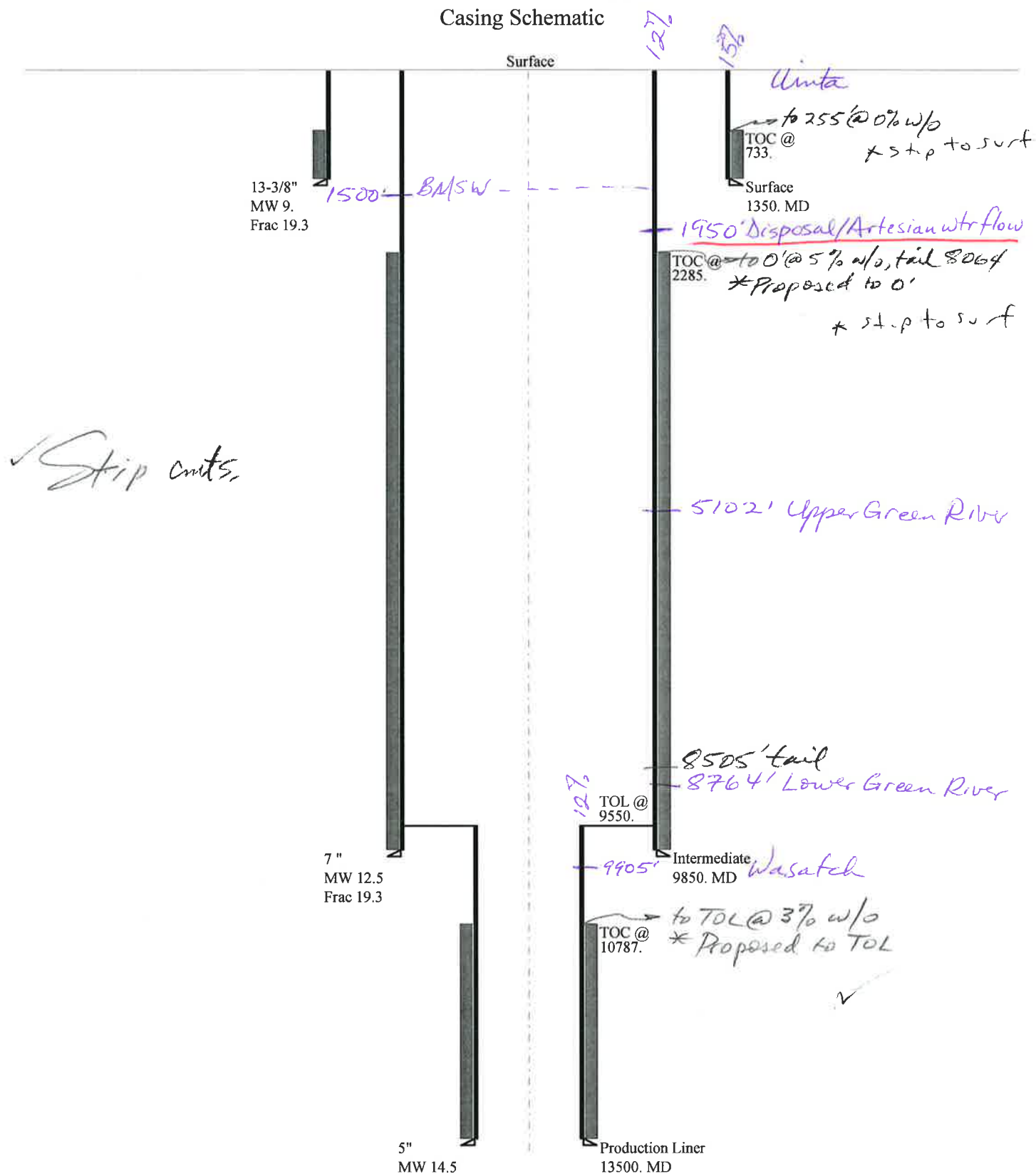
NOV 27 2012

Julie Patrick
Name (Please Print)
Julie Patrick
Signature
Regulatory Analyst
Title
Date 11/20/12

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		8. WELL NAME and NUMBER: Bingham #3-4B1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1252 FSL 1147 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 04 Township: 02.0S Range: 01.0W Meridian: U		9. API NUMBER: 43013514640000
PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/13/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Devon Energy Production, CO., L.P., (DEVON) respectfully requests approval for the elimination of 9 5/8" casing. Please find attached the revised drill plan to reflect the elimination of 9 5/8" casing. Thank you.		
NAME (PLEASE PRINT) Julie Patrick		PHONE NUMBER 405 228-8684
SIGNATURE N/A		TITLE Regulatory Analyst
DATE 12/10/2012		By: <u><i>Devon Energy</i></u>

43013514640000 Bingham 3-4B1rev

Casing Schematic



Well name:	43013514640000 Bingham 3-4B1rev		
Operator:	DEVON ENERGY PROD CO LP		
String type:	Surface	Project ID:	43-013-51464
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 93 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 733 ft

Burst

Max anticipated surface pressure: 1,188 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,350 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 1,169 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 9,850 ft
Next mud weight: 12.500 ppg
Next setting BHP: 6,396 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,350 ft
Injection pressure: 1,350 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1350	13.375	61.00	J-55	ST&C	1350	1350	12.39	17660
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	631	1540	2.440	1350	3090	2.29	82.3	595	7.23 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 10, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1350 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43013514640000 Bingham 3-4B1rev		
Operator:	DEVON ENERGY PROD CO LP		
String type:	Intermediate	Project ID:	43-013-51464
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 12.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 212 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 2,285 ft

Burst

Max anticipated surface pressure: 7,199 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,366 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 7,986 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 13,500 ft
Next mud weight: 14.500 ppg
Next setting BHP: 10,169 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,850 ft
Injection pressure: 9,850 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9850	7	29.00	HCP-110	Buttress	9850	9850	6.059	119033

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6396	9200	1.438	9366	11220	1.20	285.6	929.4	3.25 B

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801-538-5357
FAX: 801-359-3940

Date: December 10, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9850 ft, a mud weight of 12.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013514640000 Bingham 3-4B1rev		
Operator:	DEVON ENERGY PROD CO LP		
String type:	Production Liner	Project ID:	43-013-51464
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 14.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 263 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 10,787 ft

Burst

Max anticipated surface pressure: 7,199 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 10,169 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 12,639 ft

Liner top: 9,550 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3900	5	18.00	P-110	ST-L	13500	13500	4.151	33821

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	10169	13470	1.325	10169	13940	1.37	70.2	384	5.47 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 10, 2012
Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 13500 ft, a mud weight of 14.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

BOPE REVIEW		Devon Bingham 3-4B1		API 43-013-51464-0000	
Well Name		Devon Bingham 3-4B1		API 43-013-51464-0000	
Casing Size (")		String 1	String 2	String 3	
Setting Depth (TVD)		13 3/8	7	5	
Previous Shoe Setting Depth (TVD)		1350	9850	13500	
Max Mud Weight (ppg)		0	1350	9850	
BOPE Proposed (psi)		9	12.5	14.5	
Casing Internal Yield (psi)		1000	5000	10000	
Operators Max Anticipated Pressure (psi)		3090	11220	13490	
		10200		14.5 ppg	

Calculations		String 1		13 3/8 "	
Max BHP [psi]	.052*Setting Depth*MW =		632		
				BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =		470	YES	rotating head with diverter
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =		335	YES	✓
				*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =		335	NO	
Required Casing/BOPE Test Pressure			1350	psi	
*Max Pressure Allowed @ Previous Casing Shoe =			0	psi	*Assumes 1psi/ft frac gradient

Calculations		String 2		7 "	
Max BHP [psi]	.052*Setting Depth*MW =		6403		
			BOPE Adequate For Drilling And Setting Casing at Depth?		
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =		5221	NO WBM	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =		4236	YES ✓	
			*Can Full Expected Pressure Be Held At Previous Shoe?		
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =		4533	NO	
Required Casing/BOPE Test Pressure			7854	psi	*Assumes 1psi/ft frac gradient
*Max Pressure Allowed @ Previous Casing Shoe =			1350	psi	

Calculations		String 3	5	"	
Max BHP [psi]	.052*Setting Depth*MW =		10179		
			BOPE Adequate For Drilling And Setting Casing at Depth?		
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	8559	YES	WBM	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	7209	YES		
			*Can Full Expected Pressure Be Held At Previous Shoe?		
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	9376	YES		
Required Casing/BOPE Test Pressure		9443	psi		
*Max Pressure Allowed @ Previous Casing Shoe =		9850	psi	*Assumes 1psi/ft frac gradient	

Devon Energy Production Co., LP

Bingham # 3-4B1
SE SE Sec 4 T2S R1W
Duchesne County, UT
1252' FSL; 1147' FEL
GL 5207'; KB 5229' (est)
Fee Lease

DRILLING PLAN

This will be a vertical well drilled into the Wasatch formation.
 All shows of fresh water and minerals will be adequately protected and reported.

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS & ANTICIPATED WATER, OIL, GAS, OR MINERAL FORMATIONS

<u>Formation</u>	<u>Depth TVD</u>	<u>Depth TMD</u>	<u>Hydrocarbon/Water</u>
Disposal/Artesian	1,950'	1,950'	Water Flow
Upper Green River	5102'	5102'	
Lower Green River	8764'	8764'	Oil/Gas
Wasatch	9905'	9905'	Oil/Gas
Proposed TD	13500'	13500'	

*THE MITCHELL 2-4B1 RECORDED A WATER FLOW AT 1,967' AND RECORDED THAT IT TOOK A 11.0 PPG EMW TO KILL THE WATER FLOW. DEVON PLANS ON SETTING SURFACE CASING AT 1,350' TO PROTECT THE FRESH WATER AND THEN SET AN INTERMEDIATE STRING AT 2,700' TO PUT THE WATER FLOW "BEHIND PIPE".

2. PRESSURE CONTROL EQUIPMENT:

All well control equipment for 3M or 5M, and 10M systems shall be in accordance with state of Utah regulatory agencies and the equivalent of the BLM onshore oil & gas order (43 CFR 3160 Vol 53, No. 223).

The minimum specifications for pressure control equipment that will be provided are included on the attached schematic diagram showing size, pressure ratings, testing procedures, and testing frequency.

- **From surface to 1,350':**
Rotating head with diverter system or cellar pump.
- **From 1,350' to 9,850':**
5K psi system (per onshore order referenced above) with an annular preventer, 1 pipe rams, and 1 blind ram
- **From 9,850' to 13,500':**
10K psi system (per onshore order referenced above) with an annular preventer, 2 pipe rams, and 1 blind ram.

The manifold includes appropriate valves and adjustable chokes. The kill line will have one check valve. Ram type preventers will be pressure tested to full working pressure when a test plug is used and if a test plug is not used to 70% of the minimum internal yield pressure of the casing. The testing frequency will be as follows:

- Initial installation
- Whenever any seal subject to test pressure is broken
- Following related repairs
- At 21 day intervals

The annular preventer will be pressure tested to 50 percent of the rated working pressure. All pressure tests shall be maintained at least ten minutes or until provisions of test are met, whichever is longer.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip.

A BOPE pit level drill will be conducted weekly for each drilling crew.

All tests and drills will be recorded in the drilling log.

The accumulator will have sufficient capacity to open the HCR valve, close all rams plus the annular preventer, and retain 200 psi above pre-charge pressure without the use of closing unit pumps. The system will have two independent power sources to close the preventers in accordance with 5M & 10M system requirements.

Remote controls shall be readily accessible to the driller. Master controls will be at the accumulator.

3. CASING & CEMENTING PROGRAM:

A. The proposed casing program will be as follows:

<u>Hole Size</u>	<u>Size</u>	<u>Grade</u>	<u>Thread</u>	<u>Weight</u>	<u>Setting Depth</u>
17 1/2"	13 3/8	J-55	STC	61.0	1,350' – pre set
8 3/4"	7"	HCP 110	BTC	29.0	9,850'
6 1/8"	5" flush	P-110	STL	18.0	9,550' to 13,500'

B. The proposed cementing program is as follows:

13 3/8" – Single stage cemented to surface:

Single fluid: Class G, 15.8#, Yield-1.17, 650 sacks w/ additives to surface. A top job will be done if cement does not circulate to surface.

7" - Single stage cemented to surface:

Lead: Class G, 11.0#, Yield-3.99, 400 sacks w/ additives, top at surface

Tail: Class G, 12.5#, Yield-2.3, 150 sacks w/ additives, top at 7,000'

5" – Single stage cemented on top of liner hanger:

Single Fluid: Class G, 14.1#, Yield-1.92, 170 sacks w/ additives, top at 9,500'

*Will circulate cement off of liner top and confirm cement volume seen at surface

****Specific additives, percentages, composition to be determined once reservoir/formation conditions are further identified and confirmed during drilling operations****

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi, whichever is greater, but not to exceed 70% minimum internal yield.

The bottom three joints of the surface casing will have one centralizer per joint and one centralizer every third joint thereafter up to designed total.

Remedial Cementing will be performed on surface if the cement does not reach surface.

The bottom three joints of the intermediate casing will have one centralizer per joint and then one centralizer every third joint thereafter up to designed total.

The 5" liner will have a 300' lap and be fully cemented bringing cement on top of the liner hanger. The cement will be reversed out and a negative test will be performed prior to the drilling rig releasing.

All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

4. DRILLING FLUIDS PROGRAM:

<u>Interval</u>	<u>Type</u>	<u>Mud Weights</u>
Surface	Water Based System	8.5 – 9.0
Intermediate I	Water Based System	11.0 – 12.5
Production	Water Based System	11.0 – 14.5

Sufficient quantities of mud material/inventory will be maintained on site or be readily accessible for the purpose of assuring well control. SPR will be recorded on daily drilling report after mudding up. Visual mud monitoring will be conducted during operations. Higher mud weights may be required for specific well control matters as well as running logs/casing.

5. EVALUATION PROGRAM:

Logs: Array Induction-GR-SP-Cal: TD to surface casing
Density Neutron-GR-PE-Cal log: TD to surface casing Matrix Density: 2.65g/cc
Sonic Log: TD to surface casing

Samples: 30' samples surface casing to TD. Dry cut to Devon geologist

Cores: None anticipated.

DST's: None anticipated.

6. ABNORMAL CONDITIONS:

Overpressured conditions @ TD may be encountered with a maximum **bottom hole pressure** of approximately 10,200 psi.

Maximum anticipated **surface pressure** for intermediate hole (TD at 9,850 w/ 11.0 ppg EMW) is estimated to be approximately 3,500 psi (Will have 5Kpsi system in place).

Maximum anticipated **surface pressure** for production hole (TD at 13,500 w/ 14.5 ppg EMW) is estimated to be approximately 7,250 psi (Will have 10K system in place).

Estimated surface pressure's calculated evacuating hole to .22 psi/ft equivalent

7. OTHER INFORMATION:

If the well is completed as a dry hole or as a producer, well completion or recompletion report and log(s) will be submitted within 30 days after completion of the well or after completion of operations being performed. Copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, daily drilling reports, daily completion reports, and all other surveys or data obtained and compiled during the drilling, completion, and/or workover operations, will be submitted to designated authority/agency.

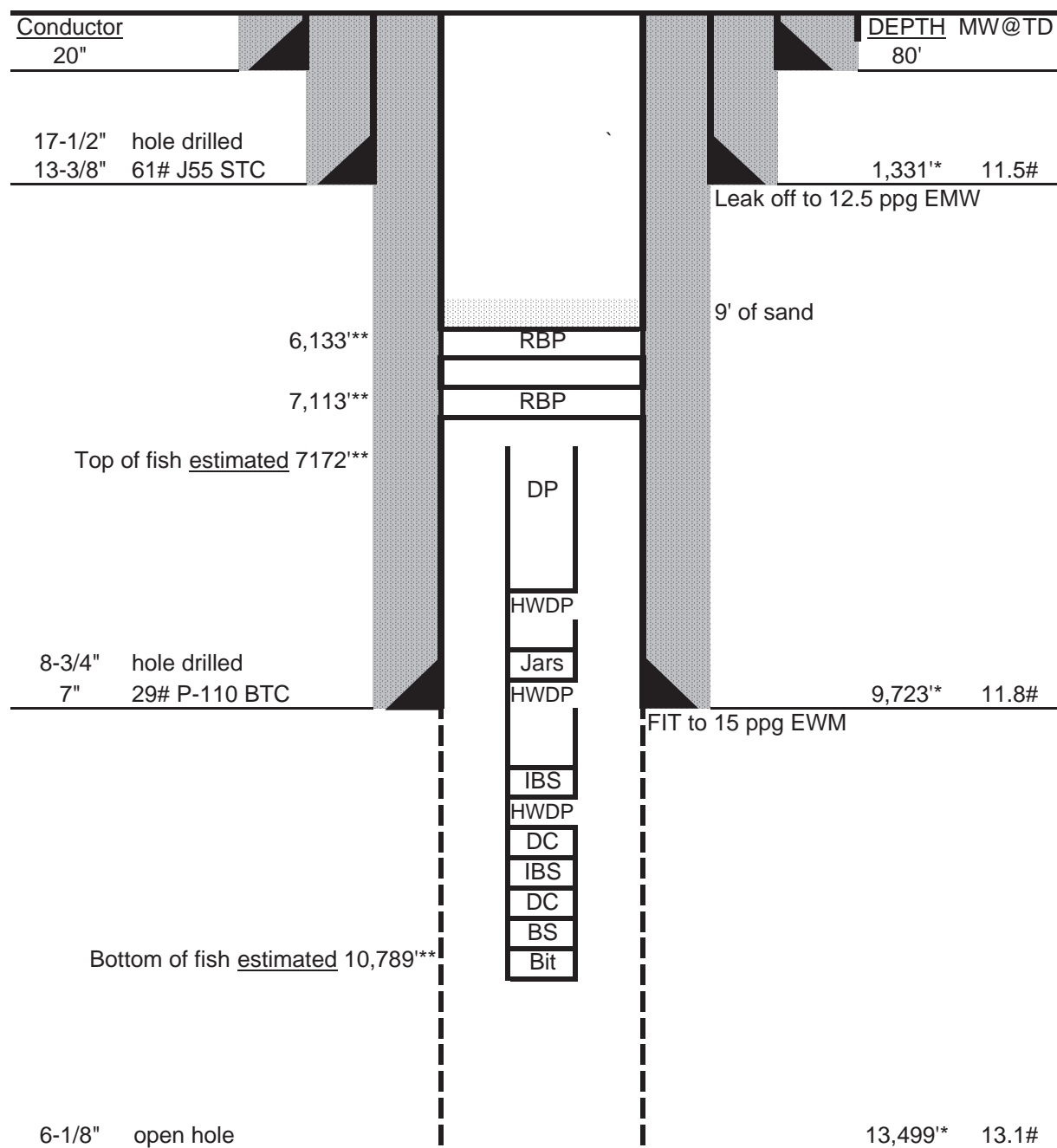
8. Additional Request

Operator requests Confidential Status for this well.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		8. WELL NAME and NUMBER: Bingham #3-4B1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1252 FSL 1147 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 04 Township: 02.0S Range: 01.0W Meridian: U		9. API NUMBER: 43013514640000
PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/1/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
OTHER: <input type="text" value="Proceed Ops"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> Devon Energy Production Co., L.P. (Devon) respectfully requests permission to proceed with drilling operations on the subject well, using the original approved APD. </div> <div style="width: 35%; text-align: right;"> <p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: April 10, 2013</p> <p style="color: red; font-weight: bold;">By: <u><i>Derek Duff</i></u></p> </div> </div>		
NAME (PLEASE PRINT) Julie Patrick	PHONE NUMBER 405 228-8684	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/20/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		8. WELL NAME and NUMBER: Bingham #3-4B1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1252 FSL 1147 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 04 Township: 02.0S Range: 01.0W Meridian: U		9. API NUMBER: 43013514640000
PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/16/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
OTHER: <input type="text" value="Well Plan Update"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please find attached the plan of operations, going forward, for the subject well. Thank you.		
Approved by the Utah Division of Oil, Gas and Mining Date: August 15, 2013 By: <u><i>Derek Duff</i></u>		
NAME (PLEASE PRINT) Julie Patrick		PHONE NUMBER 405 228-8684
SIGNATURE N/A		TITLE Regulatory Analyst
DATE 8/15/2013		

Bingham 3-4B1 WELLBORE SCHEMATIC

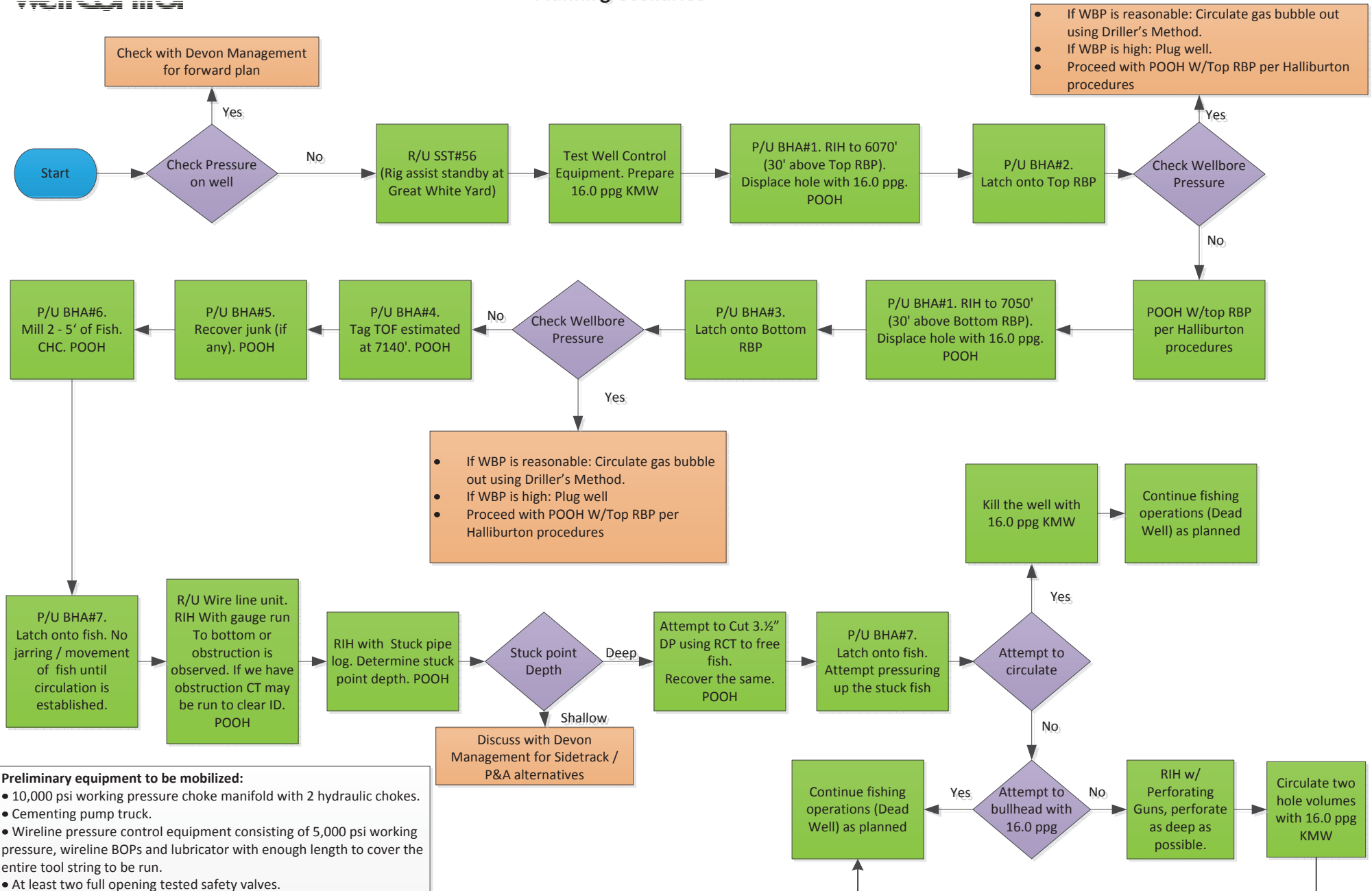


*Depths adjusted from F12RKB to SST56RBK (-1' from F12 to SST56)

**Depths adjusted from wireline "CFH" (base wellhead flange) to SST56RBK (+33' from CFH to SST56)

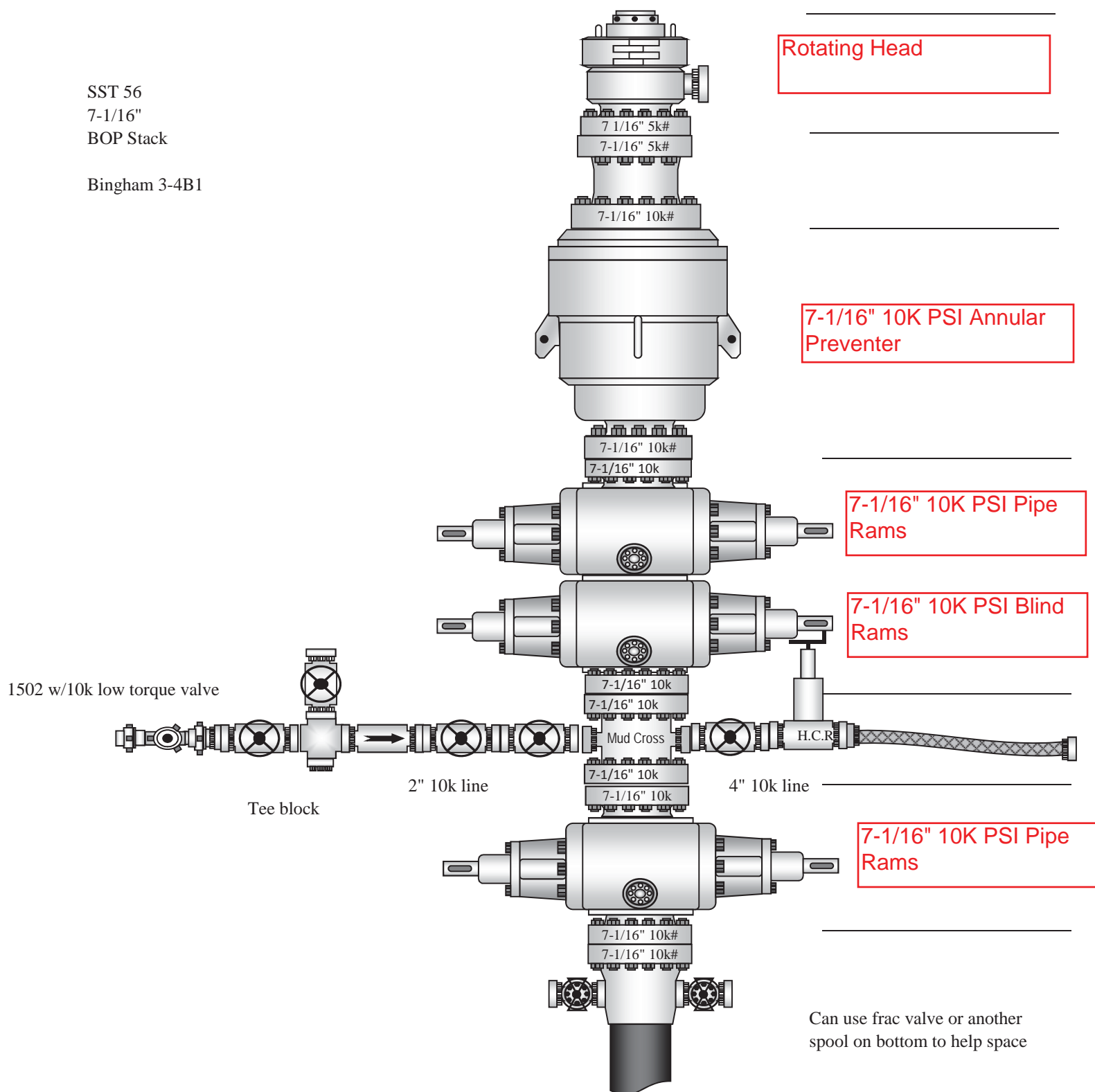


Bingham 3-4B1 Planning Scenarios

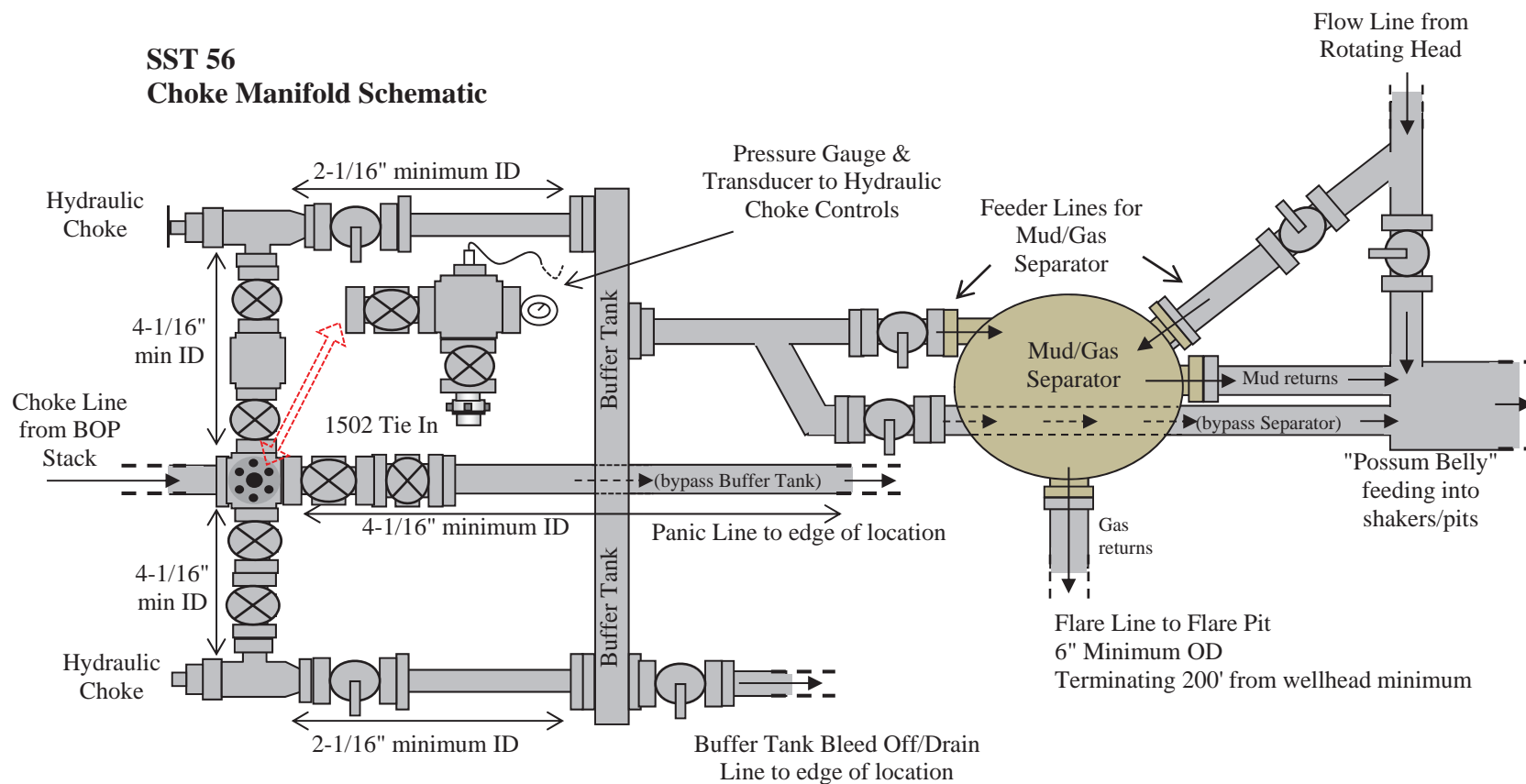


SST 56
7-1/16"
BOP Stack

Bingham 3-4B1



SST 56 Choke Manifold Schematic



Closing Unit Operating Parameters	
Max Operating Pressure	3000 psi
Min Operating Pressure	1200 psi
Main Manifold Working Pressure	1500 psi
Annular Manifold Working Pressure	1500 psi
Reservoir w/Pressurized System	1/2 full

Closing Unit Info	
Manufacturer	Koomey
Model	T20160-3S
Working Pressure	3000 psi
Min Precharge	1000 psi
# of Bottles	16
Bottle Size	11 gal
Usable Fluid	88.0 gal
Reservoir Size	315 gal
Charge Pumps	1x Elect, 2x air

Additional BOPE Installation Requirements

See attached detailed BOP Stack and Choke Manifold schematics specific to the rig

- **This documents specifies requirement in addition to what is specified in the schematics.**
- **Carefully inspect equipment and notify engineer of any differences from schematics to actual setup**

All BOPE should be rigged up and operated in accordance with Devon Well Control Manual.

- Carefully read Chapters 5 and 6 in particular for BOPE requirements
- Contact superintendent or engineer for a copy of the Devon Well Control Manual if needed

Wellhead

- Ensure all gland nuts fully tightened
- Use RX or BX type ring gaskets (BX preferred by Devon), change out every time a break is made.
- All side outlets must have 2 barriers installed (VR plug + blind flange or 2x gate valves)
- Every annulus behind a string of casing must be monitored for pressure
 - Side outlets for casing annuli should have a gate valve and needle valve with a gauge and bleed off method
- Use RX or BX type ring gaskets (BX preferred by Devon), change out every time a break is made.
- All connections must be flanges or bolted ring clamps

BOP Stack

- All ram preventers and HCR must have manual locking devices with hand wheels installed
- Must have a spare set of rams with packing rubbers, for each size of pipe in use- kept in climate controlled environment
- Mud cross side flanges must have a minimum of 3" ID
- All connections must be flanges or bolted ring clamps

Choke Manifold

- Remote Control Panel for Hydraulic Choke required on rig floor
- Spare and repair parts for all chokes must be maintained at the rig
- All connections must be flanges or bolted ring clamps

Closing Unit

- Remote Control Panel for Hydraulic Choke required on rig floor
- Spare and repair parts for all chokes must be maintained at the rig

Workstring BOPE- available on rig floor

- Upper and lower kelly cock valves are required
 - Top drives should have 2 x remotely operated full opening safety valves instead of kelly cock valves
- FOSV (TIW) and IBOP required to fit all connections in use (can use XOs)
 - Valves and corresponding wrenches must be stored in open position at accessible place on rig floor
- Circulating head or pump-in sub with 50' of 2" chicksan line required
 - Side outlets must be Weco or acme stub
- All stabbed work string BOPE must have ID larger than ID of DP or workstring in use
- All work string BOPE must have working pressure at least equal to High Test Pressure for given hole section
 - Exception for valves internal to top drives- notify engineer

Other

- Mud De-Gasser required- vacuum type with vacuum gauge
 - Minimum vacuum of 8" of mercury
 - Pressure relief valve
- 2 x independent gas detectors
 - Total gas reader can count as one with C1-C5 reader counting as second
 - Ask mudlogging company to rig up just gas detectors if they are not scheduled to be on location yet or at all
- No dresser sleeve connections on flow lines when rotating head in use

















BOPE Testing Procedures

Page 1 of 4

- 1 All BOPE testing to be done in accordance with Devon Well Control Manual.
 - Carefully read Chapters 5 and 6 in particular for BOPE testing requirements
 - Contact superintendent or engineer for a copy of the Devon Well Control Manual if needed
- 2 Notify required regulatory agencies prior to BOPE testing
 - Only if needed- consult drilling permit, state rules, fed rules (if applicable), or Devon Engineer
- 3 For each set of BOPE tests, follow the procedures below for the required tests.
- 3 Check the box for each test performed and fill in any required test data.
- 4 Scan in any and all test charts, forms, and paperwork to create electronic record of test
- 5 Email all test documents including this form to engineer (chris.gray@devon.com).
- 6 Record all tests and their results on IADC and Devon Daily Drilling Reports, noting any corrections/repairs made

**Closing Unit Nitrogen Bottle Precharge Pressure Tests**Frequency: Upon initial rig up for each well and every 90 days thereafterDocumentation: See below

- 1 Bleed off all pressures on Closing Unit
- 2 Using nitrogen refill port, measure and record precharge pressure on each bottle in the space below
 - Nitrogen bottle precharge must have precharge pressure within 100 psi of the minimum precharge pressure for the system
- 3 Use only nitrogen to refill bottles if needed

#1		#3		#5		#7		#9		#11		#13		#15	
#2		#4		#6		#8		#10		#12		#14		#16	

**Closing Unit and Hydraulic Chamber Pressure Integrity Tests**Frequency: Upon initial rig up for each well and every 1 year thereafterDocumentation: Test Chart

Perform the following in order:

- Hold each test for 10 minutes and record on pressure chart
- Bleed off all pressures on Closing Unit
- Test Accumulator Bank to Max Operating Pressure for the system
- Isolate and bleed off all pressure on Accumulator Bank
- Test the Annular Manifold and all Annular Manifold valves to the working pressure of the Annular Manifold
- Connect closing and opening lines to preventers and HCR
- Test closing line and then opening line and hydraulic chambers of annular preventer to working pressure of Annular Manifold
- Isolate and bleed off pressure from the Annular Manifold
- Test all closing unit valves and the Main Manifold to Maximum Operating Pressure for the system.
- Test closing lines and then opening lines and hydraulic chambers of the ram preventers and HCR to Max Operating Pressure of
- Make sure any unused opening or closing line ports are plugged and tested to the Maximum Operating Pressure for the system

**Closing Unit Control Panels Function Tests**Frequency: Upon initial rig up for each well, each BOPE test, and once weekly from alternating stationsDocumentation: Note on IADC and Devon Daily Reports

- Function test each BOP preventer and the HCR from both the Main Control Panel and the Remote Control Panel
- Function test the pressure regulator valves at the Main Control Panel
- Function test the Annular Manifold pressure regulator valve at the Remote Control Panel

BOPE Testing Procedures

Page 2 of 4

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- 6 Record all tests and their results on IADC and Devon Daily Drilling Reports, noting any corrections/repairs made

**Closing Unit Remaining Precharge and Response Time Tests**Frequency: Upon initial rig up for each well and every 90 days thereafterDocumentation: See below

Perform the following in order:

- Charge Accumulator Bank to Max Operating Pressure
- Regulate both manifolds to corresponding working pressures
- Turn off all power sources to charge pumps
- Record initial Accumulator Bank pressure in the space below
 - Accumulator Bank pressure must be equal to the rated working pressure of the system
 Initial Accumulator Bank Pressure: _____
- Close the annular and both sets of pipe rams and open the HCR, recording times to close/open each in the space below
 - The time it takes to close (or open) each preventer should include the time to return pressure on the manifold to the working pressure
 - Each preventer or valve must function in 30 seconds or less
 Upper Pipe Rams Closing Time: _____
 Lower Pipe Rams Closing Time: _____
 Annular Closing Time: _____
 HCR Opening Time: _____
- Open one set of pipe rams (to simulate closing blinds) and record final Accumulator Bank pressure in the space below
 - Final Accumulator Bank pressure must be 200 psi above the Minimum Precharge Pressure
 Remaining Accumulator Bank Pressure: _____

**Charge Pump Tests**Frequency: Upon initial rig up for each well and every 90 days thereafterDocumentation: See Below

Perform the following in order:

- Charge Accumulator Bank to Max Operating Pressure
- Regulate both manifolds to corresponding working pressures
- Connect power source to only one charge pump.
- Bleed pressure off of Accumulator bank in 50 psi increments until the charge pumps automatically kicks in.
 - Record the Kick In Pressure in the space below
 - Kick In Pressure must be no less than 90% of the Max Operating Pressure of the system
- Allow charge pump to build pressure on Accumulator bank until it automatically shuts off
 - Be prepared to shut off power source to charge pump if it exceed Maximum Operating Pressure for the system
 - Record the Kick Out Pressure in the space below
 - Kick Out Pressure must be no more than the Maximum Operating Pressure of the system
 - Kick Out Pressure must be a minimum of 100 psi below the Maximum Operating Pressure of the system
- If not already in position, close the HCR and open the annular preventer
- Disconnect power source to charge pump and bleed off all pressures on Closing Unit.
- Use test joint in BOP stack of smallest size DP planned for use

Continued on next page

BOPE Testing Procedures

Page 3 of 4

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- 3 Check the box for each test performed and fill in any required test data.
- 4 Scan in any and all test charts, forms, and paperwork to create electronic record of test
- 5 Email all test documents including this form to engineer (chris.gray@dvn.com).
- 6 Record all tests and their results on IADC and Devon Daily Drilling Reports, noting any corrections/repairs made

*****Continued from previous page*****

- With no pressure on the Closing Unit, move the HCR control handle to "Open" and the annular control handle to "Close"
- Reconnect power source to the same single charge pump and allow it to pressurize the Closing Unit, open the HCR, and close t
 - In the space below, record the time it takes for the charge pump to open the HCR, close the Annular and pressurize the manifolds to their respective working pressures
 - At least one charge pump must accomplish this in 2 minutes or less
- Repeat the above test for each of the charge pumps

Pump #	Description	Kick In Psi	Kick Out Psi	Time to Open HCR/Close Annular

- Connect power sources to all charge pumps
- Charge Accumulator Bank to Max Operating Pressure
- Regulate both manifolds to corresponding working pressures
- Bleed all pressure off of Accumulator Bank allowing charge pumps to automatically kick in
 - In the space below record the time it takes all charge pumps to simultaneously restore Accumulator Bank to Max Operating
 - This time must be 15 minutes or less

Time for Charge Pumps to Recharge System: _____

☐ **BOP Stack, Choke Line, Kill Line, Choke Manifold Pressure Integrity Tests**Frequency: Upon initial rig up for each well, after any breaks to pressure seals, prior to increasing system pressure rating, or every 2

NOTE: With permission from superintendent- can test only broken pressure seal instead of entire system (i.e. to change a

Documentation: Test Chart

- Use a test plug that seats in wellhead, allowing for testing of wellhead flange while isolating the casing below it
 - Gauge the test plug to be used prior to running in the hole and double check that it is correct size for wellhead bowl
 - Confirm that wear bushing has been pulled from wellhead
- Open casing valve to the annulus immediately below the test plug prior to pressuring up on test plug
- All preventers and lines should be filled with clear water as a test fluid
- Hold each test for 10 minutes and record on pressure chart
- Test all components on the BOP Stack, Choke Line, Kill Line, and Choke Manifold but nothing downstream of the chokes
- First, test to a Low Test Pressure of no less than 200 psi and no more than 300 psi
- If a component passes the Low Test, then test to the High Test Pressure
- Check each hole section for a specified High Test Pressure
- Do not test the annular preventer to a pressure higher than 70% of it's rated working pressure
 - The annular preventer will likely have a different test pressure than other components
- The annular preventer must be tested while closed on the smallest size DP planned for use
- Fixed size pipe rams must be tested while closed on the size pipe designed for use
- Variable size pipe rams (i.e. VBRs or Flex Rams) must be tested while closed on the smallest **and also** the largest size DP planned
- DO NOT test blind rams with test joint in BOP stack
- Be sure to winterize choke and kill lines and manifold after testing by draining the lines and/or filling with methanol

BOPE Testing Procedures

Page 4 of 4

- 1 All BOPE testing to be done in accordance with Devon Well Control Manual.
 - Carefully read Chapters 5 and 6 in particular for BOPE testing requirements
 - Contact superintendent or engineer for a copy of the Devon Well Control Manual if needed
- 2 Notify required regulatory agencies prior to BOPE testing
 - Only if needed- consult drilling permit, state rules, fed rules (if applicable), or Devon Engineer
- 3 For each set of BOPE tests, follow the procedures below for the required tests.
- 3 Check the box for each test performed and fill in any required test data.
- 4 Scan in any and all test charts, forms, and paperwork to create electronic record of test
- 5 Email all test documents including this form to engineer (chris.gray@devon.com).
- 6 Record all tests and their results on IADC and Devon Daily Drilling Reports, noting any corrections/repairs made

**Work String BOPE Pressure Integrity Tests**Frequency: Upon initial rig up for each well, any BOPE tests, when replacing any equipment for size or connections changes, or everDocumentation: Test Chart

- Work String BOPE components include anything that would be used to shut in the drill pipe- TIW, FOSV, IBOP, Kelly Cock Valve
- Hold each test for 10 minutes and record on pressure chart
- Test each component with pressure on the bottom side only
- Make sure stand pipe is open to pits when testing against valves in kelly or top drive
- Check the rated working pressure for each component to be tested
- First, test to a Low Test Pressure of no less than 200 psi and no more than 300 psi
- If a component passes the Low Test, then test to the rated working pressure for that component
 - Do not test to a pressure higher than High Test Pressure for that hole section

**Circulating System Pressure Integrity Tests**Frequency: Upon initial rig up for each well, any BOPE tests, after any breaks to pressure seals, or every 21 days.

NOTE: With permission from superintendent- can test only broken pressure seal instead of entire system (i.e. to change a

Documentation: Test Chart

- Circulating System equipment to be tested includes line from pumps to SP, SP manifold, SP, rotary hose, swivel, and kelly or to
- Hold each test for 10 minutes and record on pressure chart
- Check the rated working pressure for each component to be tested
- First, test to a Low Test Pressure of no less than 200 psi and no more than 300 psi
- If a component passes the Low Test, then test to the rated working pressure for that component
 - Do not test to a pressure higher than High Test Pressure for that hole section
 - Check with Drilling Contractor for test pressure limits on circulating equipment

**Casing Pressure Integrity Tests**Frequency: Prior to drilling out from any newly set string of casing, or every 30 daysDocumentation: Test Chart

- Devon requires casing test to 70% of casing burst pressure
 - In some cases, a surface test pressure could cause casing to burst downhole
 - Confirm casing test pressure with engineer prior to testing at least 24 hrs prior to testing!
- Check properties and density of fluid in the casing
- Test pressure should be held for 30 minutes and recorded on a pressure chart
- A string of casing will pass the pressure test if no more than 10% of the original test pressure has leaked off after 30 minutes
- Contact your superintendent if the casing fails the pressure test
- Contact your superintendent and engineer when approaching the 30 day retest requirement.
 - A detailed procedure will be agreed upon and distributed to the rig

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		8. WELL NAME and NUMBER: Bingham #3-4B1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1252 FSL 1147 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 04 Township: 02.0S Range: 01.0W Meridian: U		9. API NUMBER: 43013514640000
PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/30/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Well is currently at TD of 13,500' with a fish stuck partially in the cased hole and open hole. Fishing operations were successful in getting part of the fish out of the hole from 7118' to 9459'. Progress stopped at this point as further fishing operations resulted in multiple fishing tool being left in the hole. This leaves part of the fish in the hole from 9459' to 10734'. Devon proposes to set a CIBP at 9410 and set a cased hole whipstock on top of the CIBP to sidetrack the well at 9400'. Casing will be retested to 70% of yield prior to sidetracking. A FIT to 16.0 ppg equivalent will be performed after milling a window through the casing. The 5" production liner top will now change to 9200'. Cement will be brought up to the liner top to isolate the fish and the open hole below it. Note: The top of the Lower Green River is estimated at 8764'. The top of the Wasatch is est		
NAME (PLEASE PRINT) Julie Patrick		PHONE NUMBER 405 228-8684
SIGNATURE N/A		TITLE Regulatory Analyst
DATE 8/30/2013		APPROVED BY: <div style="text-align: center;"> Approved by the Utah Division of Oil, Gas and Mining </div> Date: August 30, 2013 By: <u><i>Dark Quist</i></u>



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013514640000

by H Sadik-Macdonald for Dustin Doucet

Devon Energy Corp.

Project: Duchesne Co., UT
Site: Sec 4-T2S-R1W
Well: Bingham 3-4B1
Wellbore: Sidetrack 1
Plan 1
Rig: SST 56

Surface Location:
SHL 1252' FSL & 1147' FEL Sec 4-T2S-R1W

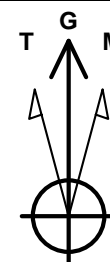
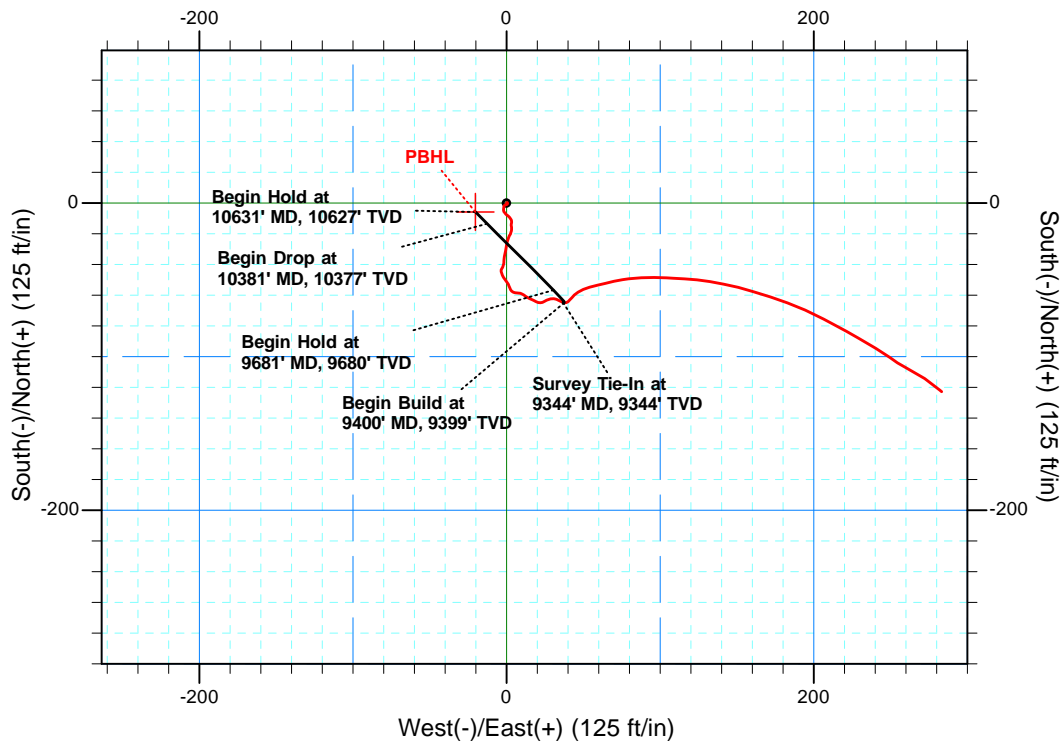
US State Plane 1983
 Utah Central Zone
Elevation: 5207' GL + 24' KBB @ 5231.00ft (SST 56)
Northing **Easting** **Latitude** **Longitude**
 7294127.07 2059652.19 40° 20' 4.369 N 109° 59' 45.910 W

SECTION DETAILS
Plan 1

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
9344.30	0.87	110.97	9343.66	-64.64	36.78	0.00	0.00	-18.00	Survey Tie-In at 9344' MD, 9344' TVD
9400.00	0.73	99.83	9399.35	-64.85	37.52	0.37	-137.47	-18.66	Begin Build at 9400' MD, 9399' TVD
9680.62	5.00	315.00	9679.65	-56.51	30.63	2.00	-149.12	-14.27	Begin Hold at 9681' MD, 9680' TVD
10380.62	5.00	315.00	10376.99	-13.37	-12.51	0.00	0.00	15.65	Begin Drop at 10381' MD, 10377' TVD
10630.62	0.00	0.00	10626.67	-5.66	-20.22	2.00	180.00	20.99	Begin Hold at 10631' MD, 10627' TVD
13503.95	0.00	0.00	13500.00	-5.66	-20.22	0.00	0.00	20.99	PBHL

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
PBHL	13500.00	-5.66	-20.22	40° 20' 4.317 N	109° 59' 46.172 W



Azimuths to Grid North
 True North: -0.96°
 Magnetic North: 10.08°

Magnetic Field
 Strength: 52220.7snT
 Dip Angle: 65.99°
 Date: 08/29/2013
 Model: IGRF2010

To convert a Magnetic Direction to a Grid Direction, Add 10.08°

Created By: Bob Hays Date: 17:26, August 29 2013

RECEIVED: Aug. 30, 2013

Devon Energy Corp.



Project: Duchesne Co., UT
 Site: Sec 4-T2S-R1W
 Well: Bingham 3-4B1
 Wellbore: Sidetrack 1
 Plan 1
 Rig: SST 56

Surface Location:
 SHL 1252' FSL & 1147' FEL Sec 4-T2S-R1W

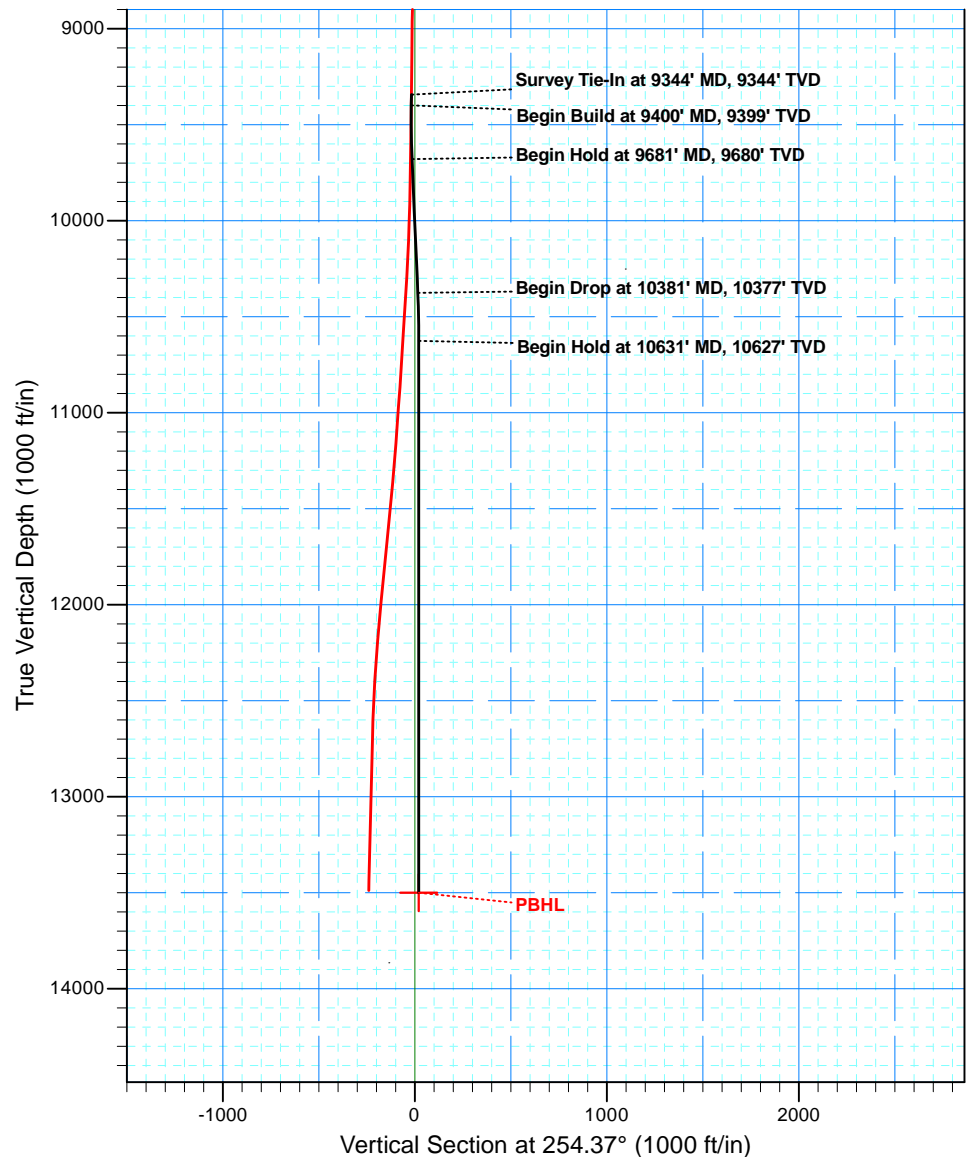
US State Plane 1983
 Utah Central Zone
 Elevation: 5207' GL + 24' KBB @ 5231.00ft (SST 56)
 Northing 7294127.07 Easting 2059652.19 Latitude 40° 20' 4.369 N Longitude 109° 59' 45.910 W

SECTION DETAILS Plan 1

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
9344.30	0.87	110.97	9343.66	-64.64	36.78	0.00	0.00	-18.00	Survey Tie-In at 9344' MD, 9344' TVD
9400.00	0.73	99.83	9399.35	-64.85	37.52	0.37	-137.47	-18.66	Begin Build at 9400' MD, 9399' TVD
9680.62	5.00	315.00	9679.65	-56.51	30.63	2.00	-149.12	-14.27	Begin Hold at 9681' MD, 9680' TVD
10380.62	5.00	315.00	10376.99	-13.37	-12.51	0.00	0.00	15.65	Begin Drop at 10381' MD, 10377' TVD
10630.62	0.00	0.00	10626.67	-5.66	-20.22	2.00	180.00	20.99	Begin Hold at 10631' MD, 10627' TVD
13503.95	0.00	0.00	13500.00	-5.66	-20.22	0.00	0.00	20.99	PBHL

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
PBHL	13500.00	-5.66	-20.22	40° 20' 4.317 N	109° 59' 46.172 W





Devon Energy Corp.

Duchesne Co., UT

Sec 4-T2S-R1W

Bingham 3-4B1

Sidetrack 1

Plan: Plan 1

Standard Planning Report

29 August, 2013





Professional Directional LTD

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Bingham 3-4B1
Company:	Devon Energy Corp.	TVD Reference:	5207' GL + 24' KBB @ 5231.00ft (SST 56)
Project:	Duchesne Co., UT	MD Reference:	5207' GL + 24' KBB @ 5231.00ft (SST 56)
Site:	Sec 4-T2S-R1W	North Reference:	Grid
Well:	Bingham 3-4B1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Sidetrack 1		
Design:	Plan 1		

Project	Duchesne Co., UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Sec 4-T2S-R1W				
Site Position:		Northing:	7,294,127.08 ft	Latitude:	40° 20' 4.369 N
From:	Lat/Long	Easting:	2,059,652.18 ft	Longitude:	109° 59' 45.910 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	Grid Convergence:	0.96

Well	Bingham 3-4B1					
Well Position	+N/-S	0.00 ft	Northing:	7,294,127.08 ft	Latitude:	40° 20' 4.369 N
	+E/-W	0.00 ft	Easting:	2,059,652.18 ft	Longitude:	109° 59' 45.910 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	0.00 ft	Ground Level:	5,207.00 ft

Wellbore	Sidetrack 1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	08/29/13	11.05	65.99	52,221

Design	Plan 1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	9,344.30
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	13,500.00	0.00	0.00	254.37

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
9,344.30	0.87	110.97	9,343.66	-64.64	36.78	0.00	0.00	0.00	0.00	
9,400.00	0.73	99.83	9,399.35	-64.85	37.52	0.37	-0.25	-20.00	-137.47	
9,680.62	5.00	315.00	9,679.65	-56.51	30.63	2.00	1.52	-51.61	-149.12	
10,380.62	5.00	315.00	10,376.99	-13.37	-12.51	0.00	0.00	0.00	0.00	
10,630.62	0.00	0.00	10,626.67	-5.66	-20.22	2.00	-2.00	0.00	180.00	
13,503.95	0.00	0.00	13,500.00	-5.66	-20.22	0.00	0.00	0.00	0.00	PBHL



Professional Directional LTD

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Bingham 3-4B1
Company:	Devon Energy Corp.	TVD Reference:	5207' GL + 24' KBB @ 5231.00ft (SST 56)
Project:	Duchesne Co., UT	MD Reference:	5207' GL + 24' KBB @ 5231.00ft (SST 56)
Site:	Sec 4-T2S-R1W	North Reference:	Grid
Well:	Bingham 3-4B1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Sidetrack 1		
Design:	Plan 1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,344.30	0.87	110.97	9,343.66	-64.64	36.78	-18.00	0.00	0.00	0.00
Survey Tie-In at 9344' MD, 9344' TVD									
9,400.00	0.73	99.83	9,399.35	-64.85	37.52	-18.66	0.37	-0.25	-20.00
Begin Build at 9400' MD, 9399' TVD									
9,500.00	1.42	325.97	9,499.34	-63.93	37.46	-18.84	2.00	0.69	-133.86
9,600.00	3.39	317.04	9,599.25	-60.74	34.74	-17.09	2.00	1.97	-8.93
9,680.62	5.00	315.00	9,679.65	-56.51	30.63	-14.27	2.00	1.99	-2.54
Begin Hold at 9681' MD, 9680' TVD									
9,700.00	5.00	315.00	9,698.96	-55.31	29.44	-13.44	0.00	0.00	0.00
9,800.00	5.00	315.00	9,798.58	-49.15	23.27	-9.17	0.00	0.00	0.00
9,900.00	5.00	315.00	9,898.20	-42.99	17.11	-4.89	0.00	0.00	0.00
10,000.00	5.00	315.00	9,997.82	-36.82	10.95	-0.62	0.00	0.00	0.00
10,100.00	5.00	315.00	10,097.43	-30.66	4.79	3.65	0.00	0.00	0.00
10,200.00	5.00	315.00	10,197.05	-24.50	-1.38	7.93	0.00	0.00	0.00
10,300.00	5.00	315.00	10,296.67	-18.33	-7.54	12.20	0.00	0.00	0.00
10,380.62	5.00	315.00	10,376.99	-13.37	-12.51	15.65	0.00	0.00	0.00
Begin Drop at 10381' MD, 10377' TVD									
10,400.00	4.61	315.00	10,396.30	-12.22	-13.66	16.44	2.00	-2.00	0.00
10,500.00	2.61	315.00	10,496.10	-7.76	-18.11	19.53	2.00	-2.00	0.00
10,600.00	0.61	315.00	10,596.05	-5.77	-20.10	20.91	2.00	-2.00	0.00
10,630.62	0.00	0.00	10,626.67	-5.66	-20.22	20.99	2.00	-2.00	146.95
Begin Hold at 10631' MD, 10627' TVD									
10,700.00	0.00	0.00	10,696.05	-5.66	-20.22	20.99	0.00	0.00	0.00
10,800.00	0.00	0.00	10,796.05	-5.66	-20.22	20.99	0.00	0.00	0.00
10,900.00	0.00	0.00	10,896.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,000.00	0.00	0.00	10,996.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,100.00	0.00	0.00	11,096.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,200.00	0.00	0.00	11,196.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,300.00	0.00	0.00	11,296.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,400.00	0.00	0.00	11,396.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,500.00	0.00	0.00	11,496.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,600.00	0.00	0.00	11,596.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,700.00	0.00	0.00	11,696.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,800.00	0.00	0.00	11,796.05	-5.66	-20.22	20.99	0.00	0.00	0.00
11,900.00	0.00	0.00	11,896.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,000.00	0.00	0.00	11,996.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,100.00	0.00	0.00	12,096.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,200.00	0.00	0.00	12,196.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,300.00	0.00	0.00	12,296.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,400.00	0.00	0.00	12,396.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,500.00	0.00	0.00	12,496.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,600.00	0.00	0.00	12,596.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,700.00	0.00	0.00	12,696.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,800.00	0.00	0.00	12,796.05	-5.66	-20.22	20.99	0.00	0.00	0.00
12,900.00	0.00	0.00	12,896.05	-5.66	-20.22	20.99	0.00	0.00	0.00
13,000.00	0.00	0.00	12,996.05	-5.66	-20.22	20.99	0.00	0.00	0.00
13,100.00	0.00	0.00	13,096.05	-5.66	-20.22	20.99	0.00	0.00	0.00
13,200.00	0.00	0.00	13,196.05	-5.66	-20.22	20.99	0.00	0.00	0.00
13,300.00	0.00	0.00	13,296.05	-5.66	-20.22	20.99	0.00	0.00	0.00
13,400.00	0.00	0.00	13,396.05	-5.66	-20.22	20.99	0.00	0.00	0.00
13,500.00	0.00	0.00	13,496.05	-5.66	-20.22	20.99	0.00	0.00	0.00
13,503.95	0.00	0.00	13,500.00	-5.66	-20.22	20.99	0.00	0.00	0.00
PBHL									



Professional Directional LTD

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Bingham 3-4B1
Company:	Devon Energy Corp.	TVD Reference:	5207' GL + 24' KBB @ 5231.00ft (SST 56)
Project:	Duchesne Co., UT	MD Reference:	5207' GL + 24' KBB @ 5231.00ft (SST 56)
Site:	Sec 4-T2S-R1W	North Reference:	Grid
Well:	Bingham 3-4B1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Sidetrack 1		
Design:	Plan 1		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
9,344.30	9,343.66	-64.64	36.78	Survey Tie-In at 9344' MD, 9344' TVD	
9,400.00	9,399.35	-64.85	37.52	Begin Build at 9400' MD, 9399' TVD	
9,680.62	9,679.65	-56.51	30.63	Begin Hold at 9681' MD, 9680' TVD	
10,380.62	10,376.99	-13.37	-12.51	Begin Drop at 10381' MD, 10377' TVD	
10,630.62	10,626.67	-5.66	-20.22	Begin Hold at 10631' MD, 10627' TVD	
13,503.95	13,500.00	-5.66	-20.22	PBHL	



Devon Energy Corp.

**Duchesne Co., UT
Sec 4-T2S-R1W
Bingham 3-4B1**

**Sidetrack 1
Plan 1**

Anticollision Report

29 August, 2013





Professional Directional LTD

Anticollision Report



Company:	Devon Energy Corp.	Local Co-ordinate Reference:	Well Bingham 3-4B1
Project:	Duchesne Co., UT	TVD Reference:	5207' GL + 24' KBB @ 5231.00ft (SST 56)
Reference Site:	Sec 4-T2S-R1W	MD Reference:	5207' GL + 24' KBB @ 5231.00ft (SST 56)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Bingham 3-4B1	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Sidetrack 1	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan 1	Offset TVD Reference:	Offset Datum

Reference	Plan 1
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method:	MD Interval 100.00ft
Depth Range:	Unlimited
Results Limited by:	Maximum center-center distance of 480.18 ft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Elliptical Conic
Casing Method:	Not applied

Survey Tool Program		Date	08/29/13		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
95.35	9,344.30	Surveys (Original Hole)	MWD	MWD - Standard	
9,344.30	13,503.95	Plan 1 (Sidetrack 1)	MWD	MWD - Standard	

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Sec 4-T2S-R1W						
Bingham 3-4B1 - Original Hole - Surveys	9,400.00	9,400.00	0.00	-0.21	0.009	Level 1, CC, ES, SF

Offset Design	Sec 4-T2S-R1W - Bingham 3-4B1 - Original Hole - Surveys												Offset Site Error:	0.00 ft
Survey Program:	95-MWD												Offset Well Error:	0.00 ft
Reference	Offset	Semi Major Axis		Distance										Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,344.30	9,343.66	9,344.30	9,343.66	0.00	0.00	0.02	-64.64	36.78	0.02					
9,400.00	9,399.35	9,400.00	9,399.35	0.08	0.12	0.46	-64.86	37.53	0.00	-0.21	0.22	0.009	Level 1, CC, ES, SF	
9,500.00	9,499.34	9,499.99	9,499.33	0.09	0.32	159.18	-64.81	38.70	1.52	1.02	0.50	3.028		
9,600.00	9,599.25	9,599.88	9,599.22	0.10	0.53	167.93	-64.30	39.82	6.20	5.44	0.76	8.156		
9,700.00	9,698.96	9,699.59	9,698.92	0.16	0.74	169.76	-63.30	40.94	14.00	13.05	0.95	14.772		
9,800.00	9,798.58	9,799.21	9,798.52	0.24	0.95	168.91	-61.90	42.21	22.82	21.66	1.17	19.584		
9,900.00	9,898.20	9,898.71	9,897.99	0.31	1.15	167.64	-60.14	43.84	31.76	30.36	1.40	22.737		
10,000.00	9,997.82	9,997.98	9,997.21	0.37	1.36	166.14	-58.21	46.25	41.27	39.65	1.63	25.362		
10,100.00	10,097.43	10,097.01	10,096.17	0.42	1.57	164.75	-56.36	49.58	51.66	49.81	1.84	28.021		
10,200.00	10,197.05	10,195.77	10,194.82	0.44	1.78	163.65	-54.80	53.85	63.03	61.00	2.03	31.004		
10,300.00	10,296.67	10,294.65	10,293.56	0.44	1.99	162.77	-53.49	58.89	75.22	73.04	2.18	34.457		
10,400.00	10,396.30	10,393.57	10,392.32	0.42	2.20	161.96	-52.14	64.43	87.79	85.49	2.30	38.197		
10,500.00	10,496.10	10,492.83	10,491.40	0.42	2.42	160.92	-50.82	70.25	98.40	95.78	2.62	37.606		
10,600.00	10,596.05	10,592.39	10,590.78	0.41	2.63	159.57	-49.78	76.09	105.90	102.96	2.94	36.016		
10,700.00	10,696.05	10,691.70	10,689.91	0.43	2.85	112.97	-49.02	82.10	111.30	108.11	3.19	34.870		
10,800.00	10,796.05	10,790.85	10,788.84	0.45	3.07	111.52	-48.55	88.55	117.14	113.72	3.42	34.279		
10,900.00	10,896.05	10,889.97	10,887.73	0.47	3.28	110.27	-48.37	95.45	123.58	119.94	3.65	33.884		
11,000.00	10,996.05	10,989.07	10,986.56	0.50	3.50	109.22	-48.53	102.77	130.59	126.71	3.88	33.639		
11,100.00	11,096.05	11,088.17	11,085.35	0.53	3.73	108.31	-48.92	110.50	138.10	133.98	4.12	33.510		
11,200.00	11,196.05	11,187.20	11,184.05	0.56	3.95	107.52	-49.48	118.62	146.08	141.72	4.36	33.472		
11,300.00	11,296.05	11,286.15	11,282.62	0.60	4.18	106.87	-50.35	127.10	154.53	149.92	4.61	33.513		
11,400.00	11,396.05	11,384.75	11,380.82	0.64	4.40	106.40	-51.62	135.93	163.48	158.62	4.86	33.631		
11,500.00	11,496.05	11,482.73	11,478.33	0.68	4.63	106.11	-53.49	145.35	173.25	168.13	5.11	33.882		
11,600.00	11,596.05	11,580.66	11,575.70	0.73	4.87	106.01	-56.06	155.49	183.92	178.56	5.37	34.263		
11,700.00	11,696.05	11,678.80	11,673.20	0.78	5.11	106.03	-59.22	166.22	195.32	189.69	5.63	34.718		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



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Reference Well:	Bingham 3-4B1	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Sidetrack 1	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan 1	Offset TVD Reference:	Offset Datum

Offset Design Sec 4-T2S-R1W - Bingham 3-4B1 - Original Hole - Surveys												Offset Site Error:	0.00 ft
Survey Program: 95-MWD												Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
11,800.00	11,796.05	11,776.76	11,770.45	0.83	5.35	106.16	-62.92	177.39	207.32	201.44	5.89	35.228	
11,900.00	11,896.05	11,874.38	11,867.28	0.89	5.60	106.41	-67.30	189.04	220.03	213.89	6.15	35.805	
12,000.00	11,996.05	11,972.33	11,964.32	0.94	5.85	106.90	-72.90	201.13	233.50	227.09	6.41	36.447	
12,100.00	12,096.05	12,075.27	12,066.36	1.00	6.11	107.43	-78.94	213.17	246.42	239.74	6.68	36.910	
12,200.00	12,196.05	12,178.82	12,169.27	1.07	6.35	107.96	-84.59	223.25	257.34	250.39	6.95	37.034	
12,300.00	12,296.05	12,280.75	12,270.66	1.13	6.59	108.40	-89.70	232.38	267.42	260.20	7.22	37.026	
12,400.00	12,396.05	12,383.61	12,373.09	1.20	6.83	108.81	-94.43	240.45	276.32	268.82	7.50	36.839	
12,500.00	12,496.05	12,486.68	12,475.83	1.27	7.07	109.21	-98.88	247.32	284.04	276.25	7.78	36.500	
12,600.00	12,596.05	12,589.73	12,578.64	1.35	7.30	109.59	-102.90	253.05	290.58	282.51	8.07	36.023	
12,700.00	12,696.05	12,692.83	12,681.58	1.42	7.53	109.82	-105.91	257.93	296.02	287.66	8.35	35.430	
12,800.00	12,796.05	12,794.07	12,782.72	1.50	7.75	109.95	-108.13	262.07	300.61	291.96	8.64	34.776	
12,900.00	12,896.05	12,894.76	12,883.31	1.58	7.97	110.09	-110.28	265.90	304.91	295.98	8.94	34.126	
13,000.00	12,996.05	12,995.46	12,983.93	1.66	8.18	110.23	-112.41	269.47	308.96	299.74	9.23	33.481	
13,100.00	13,096.05	13,096.19	13,084.58	1.75	8.40	110.38	-114.52	272.76	312.76	303.24	9.52	32.842	
13,200.00	13,196.05	13,196.93	13,185.26	1.83	8.62	110.55	-116.60	275.79	316.30	306.48	9.82	32.209	
13,300.00	13,296.05	13,297.69	13,285.96	1.92	8.83	110.72	-118.67	278.55	319.58	309.46	10.12	31.581	
13,400.00	13,396.05	13,398.47	13,386.68	2.01	9.05	110.90	-120.70	281.04	322.61	312.19	10.42	30.959	
13,500.00	13,496.05	13,498.82	13,486.98	2.11	9.27	111.09	-122.71	283.29	325.43	314.70	10.72	30.346	
13,504.33	13,500.38	13,500.00	13,488.17	2.11	9.27	111.09	-122.74	283.32	325.56	314.83	10.73	30.340	

Well Header

District: ROCKY MOUNTAIN

Surf Loc: SEC 4-T2S-R1W

Well Header

Well Name: BINGHAM 3-4B1

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100f)	Survey Tool	Survey Company
1/10/2013	95.35	0.21	8.06	95.35	-0.05	0.17	0.02	0.22	GYRO	VES
1/10/2013	190.7	0.19	58.21	190.7	0	0.43	0.18	0.18	GYRO	VES
1/10/2013	286.05	0.1	121.17	286.05	0.16	0.47	0.38	0.18	GYRO	VES
1/10/2013	381.4	0.11	144.76	381.4	0.32	0.36	0.5	0.04	GYRO	VES
1/10/2013	476.75	0.15	156.37	476.75	0.48	0.18	0.6	0.05	GYRO	VES
1/10/2013	572.1	0.16	173.88	572.1	0.64	-0.07	0.66	0.05	GYRO	VES
1/10/2013	667.45	0.16	193.18	667.45	0.72	-0.33	0.65	0.06	GYRO	VES
1/10/2013	762.8	0.13	221.41	762.8	0.71	-0.55	0.54	0.08	GYRO	VES
1/10/2013	858.15	0.1	252.35	858.15	0.62	-0.65	0.39	0.07	GYRO	VES
1/10/2013	953.5	0.13	248.52	953.5	0.48	-0.72	0.22	0.04	GYRO	VES
1/10/2013	1,048.85	0.19	234.12	1,048.85	0.33	-0.85	-0.01	0.07	GYRO	VES
1/10/2013	1,144.20	0.19	246.13	1,144.20	0.15	-1	-0.28	0.04	GYRO	VES
1/10/2013	1,239.55	0.17	266.19	1,239.55	-0.08	-1.07	-0.56	0.07	GYRO	VES
1/10/2013	1,334.90	0.19	257.01	1,334.90	-0.33	-1.12	-0.85	0.04	GYRO	VES
1/10/2013	1,430.25	0.22	238.93	1,430.24	-0.57	-1.24	-1.16	0.07	GYRO	VES
1/10/2013	1,525.60	0.34	215.59	1,525.59	-0.73	-1.57	-1.48	0.17	GYRO	VES
1/10/2013	1,620.95	0.49	190.65	1,620.94	-0.7	-2.2	-1.72	0.24	GYRO	VES
1/10/2013	1,716.30	0.51	185.33	1,716.29	-0.48	-3.02	-1.83	0.06	GYRO	VES
1/10/2013	1,811.65	0.5	185.98	1,811.63	-0.22	-3.86	-1.91	0.01	GYRO	VES
1/10/2013	1,907.00	0.51	171.6	1,906.98	0.13	-4.69	-1.9	0.13	GYRO	VES
1/10/2013	2,002.35	0.51	152.64	2,002.33	0.68	-5.49	-1.64	0.18	GYRO	VES
1/10/2013	2,097.70	0.53	142.46	2,097.67	1.4	-6.22	-1.17	0.1	GYRO	VES
1/10/2013	2,193.05	0.55	134.96	2,193.02	2.21	-6.9	-0.58	0.08	GYRO	VES
1/10/2013	2,288.40	0.52	130.72	2,288.36	3.06	-7.5	0.08	0.05	GYRO	VES
1/10/2013	2,383.75	0.46	127.48	2,383.71	3.84	-8.02	0.71	0.07	GYRO	VES
1/10/2013	2,479.10	0.5	132.82	2,479.06	4.6	-8.53	1.32	0.06	GYRO	VES
1/10/2013	2,574.45	0.58	140.79	2,574.40	5.42	-9.19	1.93	0.11	GYRO	VES
1/10/2013	2,669.80	0.6	145.85	2,669.75	6.27	-9.98	2.51	0.06	GYRO	VES
1/10/2013	2,765.15	0.6	150.03	2,765.09	7.09	-10.82	3.04	0.05	GYRO	VES
1/10/2013	2,860.50	0.61	171.22	2,860.44	7.77	-11.76	3.37	0.23	GYRO	VES
1/10/2013	2,955.85	0.63	197.59	2,955.78	8.09	-12.76	3.29	0.3	GYRO	VES
1/10/2013	3,051.20	0.53	189.76	3,051.13	8.25	-13.69	3.06	0.14	GYRO	VES
1/10/2013	3,146.55	0.39	171.51	3,146.47	8.52	-14.44	3.03	0.21	GYRO	VES
1/10/2013	3,241.90	0.36	167.37	3,241.82	8.87	-15.05	3.14	0.04	GYRO	VES
1/10/2013	3,337.25	0.38	167.52	3,337.17	9.23	-15.65	3.28	0.02	GYRO	VES
1/10/2013	3,432.60	0.44	174.82	3,432.52	9.59	-16.32	3.38	0.08	GYRO	VES
1/10/2013	3,527.95	0.51	184.3	3,527.86	9.9	-17.1	3.38	0.11	GYRO	VES
1/10/2013	3,623.30	0.57	192.83	3,623.21	10.13	-17.98	3.24	0.11	GYRO	VES

1/10/2013	3,718.65	0.63	201.07	3,718.56	10.24	-18.94	2.95	0.11	GYRO	VES
1/10/2013	3,814.00	0.71	204.37	3,813.90	10.25	-19.97	2.52	0.09	GYRO	VES
1/10/2013	3,909.35	0.78	206.18	3,909.24	10.21	-21.08	1.99	0.08	GYRO	VES
1/10/2013	4,004.70	0.87	202.6	4,004.58	10.19	-22.33	1.42	0.11	GYRO	VES
1/10/2013	4,100.05	0.96	197.39	4,099.92	10.28	-23.76	0.91	0.13	GYRO	VES
1/10/2013	4,195.40	1.02	193.19	4,195.25	10.52	-25.35	0.47	0.1	GYRO	VES
1/10/2013	4,290.75	1.08	189.29	4,290.59	10.89	-27.06	0.14	0.09	GYRO	VES
1/10/2013	4,386.10	1.08	189.75	4,385.92	11.32	-28.83	-0.16	0.01	GYRO	VES
1/10/2013	4,481.45	1.07	191.54	4,481.26	11.71	-30.58	-0.49	0.04	GYRO	VES
1/10/2013	4,576.80	1.01	191.86	4,576.59	12.06	-32.27	-0.84	0.06	GYRO	VES
1/10/2013	4,672.15	0.94	191.72	4,671.93	12.39	-33.85	-1.17	0.07	GYRO	VES
1/10/2013	4,767.50	0.81	188	4,767.26	12.73	-35.28	-1.42	0.14	GYRO	VES
1/10/2013	4,862.85	0.67	183.19	4,862.61	13.1	-36.5	-1.55	0.16	GYRO	VES
1/10/2013	4,958.20	0.65	184.19	4,957.95	13.47	-37.6	-1.62	0.02	GYRO	VES
1/10/2013	5,053.55	0.67	186.94	5,053.29	13.81	-38.69	-1.72	0.04	GYRO	VES
1/10/2013	5,148.90	0.65	192.77	5,148.64	14.07	-39.76	-1.91	0.07	GYRO	VES
1/10/2013	5,244.25	0.61	199.52	5,243.98	14.2	-40.77	-2.2	0.09	GYRO	VES
1/10/2013	5,339.60	0.58	205.66	5,339.33	14.22	-41.68	-2.58	0.08	GYRO	VES
1/10/2013	5,434.95	0.54	211.61	5,434.67	14.13	-42.5	-3.02	0.07	GYRO	VES
1/10/2013	5,530.30	0.61	193.55	5,530.02	14.16	-43.37	-3.37	0.2	GYRO	VES
1/10/2013	5,625.65	0.7	168.18	5,625.36	14.58	-44.43	-3.37	0.32	GYRO	VES
1/10/2013	5,721.00	0.74	160.24	5,720.70	15.34	-45.58	-3.04	0.11	GYRO	VES
1/10/2013	5,816.35	0.75	157.6	5,816.05	16.2	-46.73	-2.6	0.04	GYRO	VES
1/10/2013	5,911.70	0.84	151.68	5,911.39	17.2	-47.92	-2.03	0.13	GYRO	VES
1/10/2013	6,007.05	0.96	144.76	6,006.73	18.43	-49.19	-1.24	0.17	GYRO	VES
1/10/2013	6,102.40	0.9	143.67	6,102.06	19.76	-50.44	-0.33	0.06	GYRO	VES
1/10/2013	6,197.75	0.79	144.36	6,197.40	20.96	-51.58	0.49	0.12	GYRO	VES
1/10/2013	6,293.10	0.77	149.79	6,292.74	22.04	-52.66	1.19	0.08	GYRO	VES
1/10/2013	6,388.45	0.77	156.67	6,388.09	23.02	-53.8	1.77	0.1	GYRO	VES
1/10/2013	6,483.80	0.77	157.53	6,483.43	23.95	-54.99	2.27	0.01	GYRO	VES
1/10/2013	6,579.15	0.77	156.56	6,578.77	24.88	-56.17	2.77	0.01	GYRO	VES
1/10/2013	6,674.50	0.8	135.81	6,674.11	25.97	-57.24	3.49	0.3	GYRO	VES
1/10/2013	6,769.85	0.84	109.04	6,769.45	27.28	-57.94	4.61	0.4	GYRO	VES
1/10/2013	6,865.20	0.74	97.87	6,864.79	28.57	-58.26	5.89	0.19	GYRO	VES
1/10/2013	6,960.55	0.61	91.45	6,960.13	29.64	-58.35	7.01	0.16	GYRO	VES
1/10/2013	7,055.90	0.61	96.86	7,055.48	30.6	-58.43	8.02	0.06	GYRO	VES
1/10/2013	7,151.25	0.66	105.87	7,150.82	31.64	-58.64	9.06	0.12	GYRO	VES
1/10/2013	7,246.60	0.77	115.55	7,246.17	32.82	-59.07	10.16	0.17	GYRO	VES
1/10/2013	7,341.95	0.89	125.44	7,341.51	34.19	-59.77	11.35	0.2	GYRO	VES
1/10/2013	7,437.30	0.92	123.33	7,436.84	35.66	-60.62	12.59	0.04	GYRO	VES
1/10/2013	7,532.65	0.91	117.57	7,532.18	37.17	-61.39	13.9	0.1	GYRO	VES
1/10/2013	7,628.00	0.87	114.7	7,627.52	38.65	-62.05	15.23	0.06	GYRO	VES
1/10/2013	7,723.35	0.82	112.72	7,722.86	40.06	-62.61	16.52	0.06	GYRO	VES
1/10/2013	7,818.70	0.91	115.46	7,818.20	41.49	-63.2	17.83	0.1	GYRO	VES
1/10/2013	7,914.05	1.03	119.64	7,913.53	43.1	-63.95	19.25	0.15	GYRO	VES
1/10/2013	8,009.40	0.95	104.52	8,008.87	44.74	-64.57	20.76	0.29	GYRO	VES
1/10/2013	8,104.75	0.79	83.53	8,104.21	46.08	-64.69	22.18	0.37	GYRO	VES

1/10/2013	8,200.10	0.78	71.19	8,199.55	47.14	-64.41	23.45	0.18 GYRO	VES
1/10/2013	8,295.45	0.82	61.49	8,294.89	48.04	-63.88	24.67	0.15 GYRO	VES
1/10/2013	8,390.80	0.8	63.67	8,390.23	48.89	-63.26	25.86	0.04 GYRO	VES
1/10/2013	8,486.15	0.77	69.46	8,485.57	49.78	-62.73	27.06	0.09 GYRO	VES
1/10/2013	8,581.50	0.65	75.31	8,580.92	50.67	-62.37	28.18	0.16 GYRO	VES
1/10/2013	8,676.85	0.48	81.19	8,676.26	51.43	-62.17	29.1	0.18 GYRO	VES
1/10/2013	8,772.20	0.52	88.34	8,771.61	52.16	-62.1	29.93	0.07 GYRO	VES
1/10/2013	8,867.55	0.61	95.89	8,866.95	53.03	-62.14	30.86	0.12 GYRO	VES
1/10/2013	8,962.90	0.66	101.63	8,962.30	54.05	-62.3	31.9	0.09 GYRO	VES
1/10/2013	9,058.25	0.7	106.83	9,057.64	55.17	-62.58	33	0.08 GYRO	VES
1/10/2013	9,153.60	0.83	115.5	9,152.98	56.44	-63.05	34.18	0.18 GYRO	VES
1/10/2013	9,248.95	0.98	125.23	9,248.32	57.93	-63.82	35.47	0.23 GYRO	VES
1/10/2013	9,344.30	0.87	110.97	9,343.66	59.45	-64.55	36.81	0.27 GYRO	VES
1/10/2013	9,439.65	0.66	89.39	9,439.00	60.67	-64.8	38.04	0.37 GYRO	VES
1/10/2013	9,535.00	0.7	69.22	9,534.34	61.59	-64.59	39.13	0.25 GYRO	VES
1/10/2013	9,630.35	0.81	49.47	9,629.68	62.31	-63.94	40.19	0.29 GYRO	VES
1/10/2013	9,725.70	1.03	42.83	9,725.02	62.89	-62.88	41.28	0.25 GYRO	VES
1/10/2013	9,821.05	1.27	40.18	9,820.35	63.48	-61.44	42.55	0.26 GYRO	VES
1/10/2013	9,916.40	1.65	47.25	9,915.67	64.33	-59.71	44.23	0.43 GYRO	VES
1/10/2013	10,011.75	2.06	57.28	10,010.97	65.84	-57.85	46.68	0.55 GYRO	VES
1/10/2013	10,107.10	2.47	66.13	10,106.25	68.19	-56.09	50	0.57 GYRO	VES
1/10/2013	10,202.45	2.89	74.62	10,201.49	71.46	-54.62	54.2	0.6 GYRO	VES
1/10/2013	10,297.80	3.18	76.38	10,296.71	75.44	-53.36	59.09	0.32 GYRO	VES
1/10/2013	10,393.15	3.44	76.09	10,391.90	79.82	-52.05	64.44	0.27 GYRO	VES
1/10/2013	10,488.50	3.45	78.25	10,487.08	84.44	-50.78	70.02	0.14 GYRO	VES
1/10/2013	10,583.85	3.39	81.15	10,582.26	89.16	-49.76	75.61	0.19 GYRO	VES
1/10/2013	10,679.20	3.57	83.94	10,677.43	94.13	-49.02	81.34	0.26 GYRO	VES
1/10/2013	10,774.55	3.83	86.69	10,772.59	99.55	-48.52	87.47	0.33 GYRO	VES
1/10/2013	10,869.90	4.07	89.32	10,867.71	105.48	-48.3	94.03	0.32 GYRO	VES
1/10/2013	10,965.25	4.3	91.92	10,962.81	111.89	-48.38	100.98	0.32 GYRO	VES
1/16/2013	11,060.60	4.53	93.19	11,057.87	118.75	-48.71	108.31	0.26 MWD	Extreme
1/16/2013	11,155.95	4.76	94.06	11,152.91	126.01	-49.2	116.02	0.25 MWD	Extreme
1/16/2013	11,251.30	4.98	96.07	11,247.91	133.7	-49.91	124.08	0.29 MWD	Extreme
1/16/2013	11,346.65	5.2	98.43	11,342.89	141.82	-50.98	132.47	0.32 MWD	Extreme
1/16/2013	11,442.00	5.66	101.36	11,437.81	150.59	-52.54	141.36	0.56 MWD	Extreme
1/16/2013	11,537.35	6.18	104.47	11,532.65	160.26	-54.75	150.93	0.65 MWD	Extreme
1/16/2013	11,632.70	6.56	106.51	11,627.41	170.73	-57.58	161.12	0.46 MWD	Extreme
1/16/2013	11,728.05	6.89	108.23	11,722.11	181.83	-60.92	171.77	0.4 MWD	Extreme
1/16/2013	11,823.40	7.31	110.31	11,816.73	193.58	-64.81	182.89	0.52 MWD	Extreme
1/16/2013	11,918.75	7.77	113.88	11,911.25	206.08	-69.53	194.48	0.69 MWD	Extreme
1/16/2013	11,952.61	8.09	117.35	11,944.79	210.75	-71.55	198.68	1.7 MWD	Extreme
1/16/2013	12,054.84	7.29	116.12	12,046.10	224.41	-77.71	210.9	0.8 MWD	Extreme
1/16/2013	12,144.24	6.11	120.73	12,134.89	234.79	-82.64	220.08	1.45 MWD	Extreme
1/16/2013	12,208.68	6.11	119.63	12,198.96	241.6	-86.08	226.01	0.18 MWD	Extreme
1/16/2013	12,241.68	5.8	118.53	12,231.79	245.01	-87.75	229	1 MWD	Extreme
1/16/2013	12,524.00	4	125.92	12,513.06	268.83	-100.34	249.51	0.67 MWD	Extreme
1/16/2013	12,716.49	2.68	117.61	12,705.22	279.88	-106.36	258.94	0.73 MWD	Extreme

Sundry Number: 41903 API Well Number: 43013514640000

1/16/2013	13,446.00	1.71	132.11	13,434.19	307.2	-121.57	282.12	0.15 MWD	Extreme
1/16/2013	13,500.00	1.71	132.11	13,488.17	308.73	-122.65	283.32	0 BIT	Extreme

RECEIVED: Aug. 30, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR: Devon Energy Production CO., LP		7. UNIT or CA AGREEMENT NAME
3. ADDRESS OF OPERATOR: 333 West Sheridan Ave. CITY Oklahoma City STATE OK ZIP 73102		8. WELL NAME and NUMBER: BINGHAM 3-4B1
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1252' FSL & 1147' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 1252' FSL & 1147' FEL AT TOTAL DEPTH: 1252' FSL & 1147' FEL		9. API NUMBER: 4301351464
10. FIELD AND POOL, OR WILDCAT BLUEBELL		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 4 2S 1W U
12. COUNTY DUCHESNE		13. STATE UTAH

14. DATE SPUDDED: 12/13/2012	15. DATE T.D. REACHED: 9/19/2013	16. DATE COMPLETED: 10/25/2013	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5207'
18. TOTAL DEPTH: MD 13,500 TVD 13,500	19. PLUG BACK T.D.: MD TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Array Induction; Neutron Density Sonic; Production Log				23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17-1/2	13-3/8 J-55	61#	0	1,334		G 1058		CIR	
8-3/4	7 P-110	29#	1,334	9,724		H 1930			
6-1/8	5 P-110	18#	8,949	13,490		H 300			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	9,387							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	11,267	13,372			11,267 13,372	3 1/8	308	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11,267- 13,372	FRAC w/13,274.8 bbls + 749,800# PROPPANT

29. ENCLOSED ATTACHMENTS:

- | | | | |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS | <input type="checkbox"/> OTHER: _____ | |

30. WELL STATUS:

Producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 10/30/2013		TEST DATE: 11/19/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 355		GAS – MCF: 868		WATER – BBL: 161		PROD. METHOD: FLOWING	
CHOKE SIZE: 18	TBG. PRESS. 1,250	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 355	GAS – MCF: 868	WATER – BBL: 161	INTERVAL STATUS:					

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				TG2 TGR3 TU2 FLAGSTAFF	5870' 8775' 9922' 12239

35. ADDITIONAL REMARKS (Include plugging procedure)

Logs were previously submitted.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) JULIE CARLSON

TITLE REGULATORY ANALYST

SIGNATURE *Julie Carlson*

DATE 4/10/14

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

8/29/2014

FROM: (Old Operator):

DEVON ENERGY PRODUCTION COMPANY L.P. N1275
 333 WEST SHERIDAN AVENUE
 OKLAHOMA CITY OK 73102-5015

TO: (New Operator):

LINN OPERATING INC N4115
 1999 BROADWAY STE 3700
 DENVER CO 80202

303-999-4275

CA No.				Unit:	N/A			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/16/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/16/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/8/2014
- a. Is the new operator registered in the State of Utah: Business Number: 9031632-0143
- a. (R649-9-2) Waste Management Plan has been received on: Yes
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 10/8/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM NOT YET BIA NOT YET
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/24/2014

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 10/8/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/8/2014
- Bond information entered in RBDMS on: 10/8/2014
- Fee/State wells attached to bond in RBDMS on: 10/8/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 10/8/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 9/16/2014

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: NMB000501
- Indian well(s) covered by Bond Number: NMB000501
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM9149893
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/8/2014

COMMENTS:

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	A
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	A
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	A
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	A
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	OW	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	OW	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	OW	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	OW	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	OW	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	OW	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	OW	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	OW	P
L BOREN U 3-15A2	15	010S	020W	4301330086	5755	Fee	OW	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	OW	P
L BOREN U 5-22A2	22	010S	020W	4301330107	5900	Fee	OW	P
L BOREN U 4-23A2	23	010S	020W	4301330115	5905	Fee	OW	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330120	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330130	5665	Fee	OW	P
LAMICQ 1-20A2	20	010S	020W	4301330133	5400	Fee	GW	P
L RBRTSN ST 1-1B2	1	020S	020W	4301330200	5410	State	OW	P
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW	P
FRESTON ST 1-8B1	8	020S	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	OW	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903	5361	Fee	OW	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	OW	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	OW	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	OW	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	OW	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	OW	P
SMITH 2-9C5	9	030S	050W	4301331321	11245	Fee	OW	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	OW	P
UTE 2-6B3	6	020S	030W	4301331325	11446	Indian	OW	P
MCELPRANG 2-30A1	30	010S	010W	4301331326	11252	Fee	OW	P

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	OW	P
LORANGER 6-22A2	22	010S	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	OW	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	OW	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	OW	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	OW	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	OW	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	OW	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W	4301330006	5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	OW	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	OW	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	OW	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached Well List</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>See Attached Well List</u>
2. NAME OF OPERATOR: <u>LINN OPERATING, INC</u> <u>N4115</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <u>1999 Broadway, Suite 3700</u> CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u></u>		8. WELL NAME and NUMBER: <u>See Attached Well List</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u></u>		9. API NUMBER:
COUNTY: <u>Duchesne/Uintah</u>		10. FIELD AND POOL, OR WILDCAT: <u>Bluebell/Altamont</u>
STATE: <u>UTAH</u>		

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u></u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u></u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893.

Attached is a list of wells that are associated with this Change of Operator.

Devon Energy Production Company, LP N1275
333 West Sheridan Avenue
Oklahoma City, OK 73102-5015


John D. Rains
Vice President

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NAME (PLEASE PRINT) <u>Russell des Cognets II</u>	TITLE <u>Asset Manager</u>
SIGNATURE <u>Russell des Cognets</u>	DATE <u>9/8/14</u>

(This space for State use only)

APPROVED

OCT 08 2014

DIV. OIL GAS & MINING

BY: Rachael Medina

(See Instructions on Reverse Side)

Devon Energy Production Company, LP
Existing Well List for State/Fee/Indian Leases

Well Name	API #	Legal Location	Producing Status	Well Type	Lease Type	Field	State	County
BAR F 2-5B1	430133128600	005-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BINGHAM 3-4B1	430135146400	004-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BLANCHARD 3-10A2	430133222300	010-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
*BOREN 1-14A2	430133003500	014-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-11A2	430133119200	011-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-15A2	430133008600	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-23A2	430133011500	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-9A2	430133220300	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 5-22A2	430133010700	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 6-16A2	430133012300	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOWMAN 5-5A2	430133220200	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN DOUG 2-4A2	430133001700	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN VICTOR C 1-4A2	430133001100	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN 3-4A2	430133268400	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CAMPBELL UTE ST 1-7B1	430133023600	007-002S-001W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
CHAPMAN 2-4B2	430133137800	004-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CLYDE MURRAY 1-2A2	430133000500	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COLTHARP 1-15B1	430133035900	015-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CORNABY 2-14A2 (RECOMP)	430133129900	014-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COX 2-36A2	430133133500	036-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DILLMAN 2-28A2	430133082100	028-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DUNCAN 4-2A2	430133127600	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
EDWARDS 3-10B1	430133133200	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON STATE 1-8B1	430133029400	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-7B1	430133134100	007-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-8B1	430133120300	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 1-14B2	430133056400	014-002S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 3-11B2	430133430400	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 2-26A2	430133090300	026-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 3-9A2	430133127800	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HATCH 2-3B1	430133114700	003-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
JOHN 2-3B2	430133097500	003-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LABRUM 2-23A2	430133139300	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMB 2 16A2	430133139000	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ ROBERTSON 1-1B2	430133020000	001-002S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE

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LAMICQ ROBERTSON 2-1B2	430133099500	001-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 3-17A2	430133009900	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-17A2	430133119000	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-5A2	430133034700	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 1-20A2	430133013300	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-20A2	430133119100	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-6B1	430133080900	006-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 2-24A2	430133132200	024-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 6-22A2	430133133400	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MARK 2 25A2	430133123200	025-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MCCELPRANG 2-30A1	430133132600	030-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECCA 2-8A2	430133123100	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM VIRGIL B 1-11A2 SWD	430133000900	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM 3-1B2	430135184400	1-2S-2W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
MIKE AND SHELLEY 3-4B2	430135184500	4-2S-2W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MITCHELL 2-4B1	430133131700	004-002S-001W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MURRAY GEORGE 1-16B1	430133029700	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
NORLING 2-9B1	430133115100	009-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
OWL AND THE HAWK 3-9C5	430135121400	9-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
PEARSON 2-11B2	430133135600	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
POWELL 2 16B1	430133182000	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
RED MOUNTAIN 3-5B1	430135163200	05-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHAW 2-27A2	430133118400	027-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHERMAN 2-12B2	430133123800	012-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH ALBERT 1-8C5	430133024500	008-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-18C5	430133132800	018-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-6C5	430133133800	006-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-7C5	430133132700	007-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-9C5	430133132100	009-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SQUIRES 3-8A2	430133222700	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 1-10A2	430133000600	010-001S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 3-18A1	430133036900	018-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SUNDANCE 4 15A2 (BOREN)	430133133300	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD ANDERSON 2-28A2	430133034600	028-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD HAMBLIN 2-26A2	430133038900	026-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD SALERATUS 2-17C5	430133038800	017-003S-005W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 1-3A2	430133002100	003-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 4-11A2	430132025500	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE

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SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Misc.

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

Bluebell

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
LINN OPERATING, INC.

3. ADDRESS OF OPERATOR:
1999 Broadway, Ste #3700 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 999-4016

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 14 1S 2W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Excluded wells from</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Change of Operator</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Do not process Change of Operator from Devon Energy Production Company, LP to LINN Operating, Inc. for the following wells.

43-013-31192	BOREN 3-11A2	Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 11
43-013-51846	MIKE AND SHELLEY #4-14A2	Oil Well Approved permit (APD) BLUEBELL DUCHESNE 1S-2W Sec14
43-013-31299	CORNABY 2-14A2	Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 14
43-013-30035	FLY/DIA L BOREN 1-14A2	Oil Well Shut-In BLUEBELL DUCHESNE 1S-2W Sec 14

The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right to purchase the leases and wells in Sections 11 and 14 of T1S, 2W so EP Energy now owns these wells.

NAME (PLEASE PRINT) Debbie Chan

TITLE Reg. Compliance Supervisor

SIGNATURE [Signature]

DATE 9/23/2014

(This space for State use only)

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